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MINUTES OF THE
STATE BOARD OF EDUCATION MEETING

Atlanta, Georgia
Ms. Helen Odom Rice, Chairperson

December 10, 2015
Mr. Richard Woods, Superintendent

On December 10, 2015, the State Board of Education assembled to consider its committee work, conduct its public hearings, and take action on official business.

Roll Call – Committee of the Whole
December 10, 2015

Mr. Mike Royal, Vice Chair	Ms. Barbara Hampton	Mr. Scott Johnson
Ms. Lisa Kinnemore	Mr. Kevin Boyd	Dr. Mary Sue Murray
Mr. Kenneth Mason	Mr. Brian Burdette	Mr. Larry Winter
Mr. Trey Allen	Mr. Mike Long	

On December 10, 2015, at 8:00 a.m., by motion of Mr. Mike Long and a second by Mr. Kevin Boyd, a unanimous affirmative vote was given to enter into Executive Session for the purpose of discussing appeals, legal and personnel matters.

At 9:30 a.m., the Budget Committee, District Flexibility and Charter Schools Committee, and Rules and Policy Committee met to consider State Board items to be presented to the Committee of the Whole.

At 11:00 a.m., the Operations Committee met to consider items for the December 10, 2015, State Board of Education meeting agenda.

Roll Call – State Board meeting
December 10, 2015

Mr. Mike Royal, Vice Chair	Mr. Brian Burdette	Mr. Scott Johnson
Mr. Mike Long	Ms. Barbara Hampton	Dr. Mary Sue Murray
Ms. Lisa Kinnemore	Mr. Kevin Boyd	Mr. Larry Winter
Mr. Kenneth Mason	Mr. Trey Allen	

At 1:15 p.m., on December 10, 2015, Vice Chair Mike Royal called the meeting to order.

At 1:20 p.m., by motion of Mr. Larry Winter, and a second by Mr. Kevin Boyd, a unanimous affirmative vote was given to adjourn from Executive Session.

Guest Recognition

Vice Chair Mike Royal welcomed Ms. Betsy Wagenhauser with the Ferst Foundation, Mr. Ed Murray, Dr. John Barge, Superintendent, McIntosh County School System and former State School Superintendent, Mr. Brad Bryant, Georgia Student Finance Commission, and Mr. Jim Puckett, Georgia School Boards Association.

Inspiration/Pledge of Allegiance

Ms. Lisa Kinnemore recognized Dr. Mary Sue Murray for her 13 years of dedicated service as a member of the State Board of Education serving the Thirteenth Congressional District. Superintendent Richard Woods and McIntosh County Superintendent Dr. John Barge also congratulated Dr. Murray. Dr. Murray then led the Pledge of Allegiance.

Superintendent's Report

The State Board of Education received the following reports:

Superintendent's Report to the Board:

1. Mary Sue Murray Recognition. Superintendent Woods announced that the 2056 Conference Room will be renamed in Dr. Murray's honor and will become the Mary Sue Murray Conference Room. He then unveiled the plaque that will be placed in the conference room.
2. Employee of the Month. Superintendent Woods presented Keidria White, Secretary in CTAE Program Development, with the *Employee of the Month* award. Ms. White was nominated for this award by her peers.
3. Ferst Foundation for Childhood Literacy. Ms. Betsy Wagenhauser, President, Ferst Foundation for Childhood Literacy, spoke about the importance of language in the very early years of a child's life, and she also shared the great work of the Ferst Foundation.
4. Educating Georgia's Future 2015. Superintendent Woods presented the new strategic focus booklet, *Educating Georgia's Future 2015*, to each of the State Board members.
5. CTAE Regional Meetings Update, Pathways to Prosperity Boston Meeting & Georgia's Career Pipeline Initiative. Dr. Barbara Wall provided an update on the 12 regional business and industry meetings across the state. She also shared information on the Pathways to Prosperity meeting in Boston and the Georgia Career Pipeline Initiative.

Chair's Report to the Board:

1. Career Pipeline Initiative. Kenneth Mason gave a brief overview of the career pipeline initiative initial meeting held on November 30th. He discussed the connectivity between education, business, government and community.
2. Social Studies and Science Standards Working Committee Update. Pam Smith provided a brief update from the Social Studies and Science standards working committees. She reported that a full report will be provided to the State Board at the January 14, 2016, meeting.

ACTION ITEMS

(Please note that the items in their entirety, with backup material and attachments 1-5, can be found on the State Board of Education's e-Board website December 10, 2015, State Board meeting.)

AGENDA

By motion of Mr. Larry Winter and a second by Ms. Lisa Kinnemore, a unanimous affirmative vote was made to approve the agenda for the December 10, 2015, State Board meeting.

CONSENT AGENDA

By motion of Mr. Trey Allen and a second by Ms. Lisa Kinnemore, a unanimous affirmative vote was made to approve the Consent Agenda for the December 10, 2015, State Board meeting.

1. **CI – Grant Amendment - FY16 High School Program Grants for Agricultural Education.** The State Board of Education authorized the State School Superintendent to amend the grant with LEA's (See Attached List) by the amount of $47,941 for a cost not to exceed $8,437,772 in State Funds for the purpose of High School Program Grants for Agricultural Education. (Appendix 6)

2. **CI – Grant Amendment – Striving Readers Comprehensive Literacy Grant Cohort Five Year One Budget Requests**. The State Board of Education authorized the State School Superintendent to amend the grant with the Striving Readers Cohort Five grantees by the amount of $3,238,202 for a cost not to exceed $5,578,083 in Federal Funds for the purpose of year one funding of their Striving Readers Comprehensive Literacy Grants. (Appendix 7)

3. **SI – Grant – FY16 Title I Reward Districts.** The State Board of Education authorized the State School Superintendent to award a grant to four Title I Districts at a cost not to exceed $200,000 in Federal Funds for recognition as a Reward District. (Appendix 8)

4. **SI – FY16 Title I Reward Schools Award**. The State Board of Education authorized the State School Superintendent to approve the proposed list of Title I Reward Schools based on two categories of achievement: Highest-Performing Schools and High-Progress Schools. (Appendix 9)

5. **AA – Contract – Contract with the Georgia Center for Assessment to Develop Extended Standards for Students with Significant Cognitive Disabilities**. The State Board of Education authorized the State School Superintendent to enter into a contract with the Georgia Center for Assessment at the University of Georgia at a cost not to exceed $149,442.00 in Federal Funds for the development of extended or access standards based on the Georgia Standards for Excellence for students with significant cognitive disabilities.

6. **AA – Contract Renewal – Kindergarten Entry Profile (KEP) Contract Renewal.** The State Board of Education authorized the State School Superintendent to renew a contract with NCS Pearson at a cost not to exceed $923,338.00 in Federal Funds for the continued development of a Kindergarten Entry Profile (KEP) as a component of the Georgia Kindergarten Inventory of Developing Skills (GKIDS).

7. **FBO - Grant - National School Lunch Program - Equipment Assistance.** The State Board of Education authorized the State School Superintendent to award a grant to select School Food Authorities (SFAs) at a cost not to exceed $1,087,019 in Federal Funds for Equipment Assistance. (Appendix 10)

8. **EAP – Grant – State Charter Schools Facilities Grant Awards.** The State Board of Education authorized the State School Superintendent to award a grant to the attached list of charter schools at a cost not to exceed $ 1,400,000 in State Funds for the charter schools facilities grant. (Appendix 11)

9. **CI - Grant - FY16 Special Education Federal Allocation.** the State Board of Education authorize the State School Superintendent to award a grant to local educational agencies (LEAs) and state-operated programs (SOPs) at a cost not to exceed $319,453,057 in Federal Funds for meeting the needs of students with disabilities. (Appendix 12)

10. **FBO - $50,000.01 - $250,000 Recurring Contracts List for December, 2015.** The State Board of Education authorized the State School Superintendent to enter into contracts with the vendors specified in the Attachments entitled $50,000.01 - $250,000 Recurring Contracts at a cost not to exceed the amounts provided in said Attachments. (Appendix 13)

11. **EAP – Charter Termination – Mount Vernon Exploratory School.** The State Board of Education terminated the charter for Mount Vernon Exploratory School, effective January 1, 2016.

12. **2016 State Board Meetings Calendar.** The State Board of Education adopted the attached 2016 State Board Meetings Calendar. (Appendix 14)

13. **EAP – System Waiver – Class Size.** The State Board of Education (SBOE) approved for the 2015-2016 school year, the waiver requests of SBOE Rule 160-5-1-.08 Class Size and O.C.G.A. § 20-2-182 as authorized by SBOE Rule 160.4-9-.07 Charter Systems, SBOE Rule 160-5-1-.33 Strategic Waivers and Title 20/No Waivers School Systems and O.C.G.A. § 20-2-244 to allow an increase in class size for the school systems on the attached list. (Appendix 15)

14. **EAP – System Waiver – Personnel Required – Lincoln County School System.** The State Board of Education (SBOE) approved for the 2015-2016 school years, the Lincoln County School System's waiver request of SBOE Rule 160-5-1-.22 (2)(a)(4)(i) Personnel Required and O.C.G.A. § 20-2-180 as authorized by O.C.G.A. § 20-2-244 to allow the district to employ a Classified School Nutrition Manager/Supervisor who does not meet educational requirements.

15. **CI - Curriculum – Architecture and Construction courses for Career Cluster Pathways (Approval to Post).** The State Board of Education granted permission for the posting of the Georgia Standards of Excellence (GSE) for courses in the Architecture and Construction Career Cluster Pathways for public review and comment. (Appendix 16)

16. **EAP – Bibb County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Bibb County Schools Board of Education.

17. **EAP – Bleckley County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Bleckley County Schools Board of Education.

18. **EAP – Butts County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Butts County Schools Board of Education.

19. **EAP – Dodge County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Dodge County Schools Board of Education.

20. **EAP – Fayette County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Fayette County Schools Board of Education.

21. **EAP – Hancock County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Hancock County Schools Board of Education.

22. **EAP – Jackson County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Jackson County Schools Board of Education.

23. **EAP – Lamar County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Lamar County Schools Board of Education.

24. **EAP – McDuffie County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the McDuffie County Schools Board of Education.

25. **EAP – Meriwether County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Meriwether County Schools Board of Education.

26. **EAP – Miller County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Miller County Schools Board of Education.

27. **EAP – Newton County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2).** The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Newton County Schools Board of Education.

28. **EAP – Richmond County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2).** The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Richmond County Schools Board of Education.

29. **EAP – Rockdale County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2).** The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Rockdale County Schools Board of Education.

30. **EAP – Sumter County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2).** The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Sumter County Schools Board of Education.

31. **EAP – Treutlen County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2).** The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Treutlen County Schools Board of Education.

32. **EAP – Trion County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Trion County Schools Board of Education.

33. **EAP – Troup County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2)**. The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Troup County Schools Board of Education.

34. **EAP – Whitfield County School Board of Education Contract – Strategic Waivers School System (SWSS/IE2).** The State Board of Education authorized the State School Superintendent to enter into an SWSS/IE2 Partnership Contract with the Whitfield County Schools Board of Education.

35. **EAP – State Charter Schools Commission Reappointments**. The State Board of Education reappointed to the State Charter Schools Commission those individuals on the attached list for the terms indicated. (Appendix 17)

36. **State Board Meeting Minutes – November 5, 2015**. The State Board of Education approved the minutes of the November 5, 2015, State Board meeting.

37. **Called State Board Meeting Minutes – November 3, 2015**. The State Board of Education approved the minutes of the November 3, 2015, called State Board meeting.

38. **Called State Board Meeting Minutes – December 2, 2015**. The State Board of Education approved the minutes of the December 2, 2015, called State Board meeting.

39. **Executive Session Minutes – November, 2015**. The State Board of Education approved the minutes of the November 4, 2015, Executive Session meeting.

40. **Executive Session Minutes – November 3, 2015**. The State Board of Education approved the minutes of the November 3, 2015, called Executive Session meeting.

41. **Executive Session Minutes – December 2, 2015**. The State Board of Education approved the minutes of the December 2, 2015, called Executive Session meeting.

42. **Case Number 2016-03. T.L. v. Henry County Board of Education**. The State Board of Education affirmed the decision of the Local Board.

43. **Case Number 2016-04. Gwendolyn McIntyre v. Baker County Board of Education**. The State Board of Education affirmed the decision of the Local Board.

44. **Case Number 2016-05. Tammy Anderson v. Baker County Board of Education**. The State Board of Education affirmed the decision of the Local Board.

45. **Personnel.** The State Board of Education approved the December 2015 Personnel Report as presented.

46. **EAP - Individual Student Waiver - Case # 16-0002**. The State Board of Education (SBOE) approved case number 16-0002 requesting a waiver of prior year public school attendance requirement based on specific medical needs to gain eligibility to the Georgia Special Needs Scholarship Program pursuant to O.C.G.A.§ 20-2-2114 (a)(3)(B).

47. **EAP-Individual Student Waiver Number 16-0016**. The State Board of Education (SBOE) approved case number 16-0016 requesting a waiver of prior year public school attendance requirement based on specific medical needs to gain eligibility to the Georgia Special Needs Scholarship Program pursuant to O.C.G.A.§ 20-2-2114 (a)(3)(B).

48. **EAP-Individual Student Waiver Number 16-0017**. The State Board of Education (SBOE) approved case number 16-0017 requesting a waiver of prior year public school attendance requirement based on specific medical needs to gain eligibility to the Georgia Special Needs Scholarship Program pursuant to O.C.G.A.§ 20-2-2114 (a)(3)(B).

POLICY AND RULES COMMITTEE

1. **CI - Curriculum - Information Technology courses for Career Cluster Pathways (Adoption)**. Upon a motion from Mr. Mike Long, and a second from Mr. Brian Burdette, the State Board of Education adopted the Georgia Standards of Excellence (GSE) for the courses in the Information Technology Career Cluster Pathways. (Appendix 18)

OTHER BUSINESS

1. **Elections of 2016 State Board of Education Officers**. Upon motion by Ms. Barbara Hampton and a second from Mr. Mike Long, the Board unanimously affirmed the slate of State Board officers for 2016. (Appendix 19)

COMMITTEE MINUTES

The minutes of the Budget Committee, Rules Committee, District Flexibility and Charter Schools Committee, Operations Committee and Executive Session are located in the Appendices as 1-5.

ADJOURNMENT

At 2:40 p.m., by motion of Mr. Larry Winter and a second by Mr. Kevin Boyd, a unanimous affirmative vote was given to adjourn the State Board meeting.

The next meeting of the State Board of Education is scheduled for Thursday, January 14, 2016, at 8:00 a.m.

Respectfully submitted by:
Debbie Caputo
Recording Secretary

STATE BOARD BUDGET COMMITTEE MEETING
GEORGIA DEPARTMENT OF EDUCATION
December 10, 2015– 9:30 a.m

Attending: Barbara Hampton (chair), Mike Royal, Allen Rice, Larry Winter

Action Items

1. CI – Grant Amendment - FY16 High School Program Grants for Agricultural Education
- Chip Bridges Presented

2. CI – Grant Amendment – Striving Readers Comprehensive Literacy Grant Awards Cohort Five Year One Budget Requests
- Julie Morrill Presented

3. SI – Grant – FY16 Title I Reward Districts
- Margo DeLuane Presented

4. SI – Grant – FY16 Title I Reward Schools Award
- Margo DeLuane Presented

5. AA – Grant – Contract with the Georgia Center for Assessment to Develop Extended Standards for Students with Significant Cognitive Disabilities
- Melissa Fincher Presented

6. SI – Grant – Contract Renewal - Kindergarten Entry Profile (KEP) Contract Renewal
- Melissa Fincher Presented

7. FBO – Grant – National School Lunch Program - Equipment Assistance
- Frank Mullins Presented

8. EAP – Grant - State Charter Schools Facilities Grant Awards
- Arti Sharma Presented

9. CI – Grant – FY16 Special Education Federal Allocation
- Chris Horton Presented

10. FBO - $50,000.01 - $250,000 Recurring Contracts List for December, 2015
- Reggie Lampkin Presented

Items for Information

FBO - $50k and Under Report for October, 2015

Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

GEORGIA STATE BOARD OF EDUCATION
DISTRICT FLEXIBILITY AND CHARTER SCHOOLS COMMITTEE MEETING

2056 Twin Towers East, 205 Jesse Hill Jr. Drive, SE, Atlanta, GA 30334

December 10, 2015

MINUTES

1. The meeting was called to order by Mr. Burdette at 9:30 a.m.
    - State Board of Education District Flexibility and Charter Schools Committee Chair Brian Burdette and Charter Committee Members Scott Johnson, Lisa Kinnemore, and Kevin Boyd were present. Committee Vice Chair Kenneth Mason attended the Rules Committee meeting.
    - Georgia Department of Education staff present included Associate State Superintendent for Policy, Charter Schools, District Flexibility, and Governmental Affairs Louis Erste; and District Flexibility and Charter Schools (DFCS) Division Staff Attorney Janelle Cornwall. DFCS Division Director Aarti Sharma joined the meeting in progress after the Budget Committee completed the state Facilities Grant on its agenda. General Counsel Jennifer Hackemeyer and Policy Director Howard Hendley also joined the meeting in progress.
    - State Charter Schools Commission (SCSC) General Counsel Gregg Stevens was present for the first part of the meeting. SCSC Executive Director Bonnie Holliday joined the meeting in progress. Governor's Office of Student Achievement (GOSA) Deputy Director Sam Rauschenberg and GOSA Program Manager Pascael Beaudette were also in attendance.
    - Superintendent Dr. Joseph Barrow from the Strategic Waivers School System (SWSS/IE^2) new applicant district, Fayette County Schools, was also present. Superintendents from the other 18 SWSS/IE^2 new applicant districts on the agenda joined the meeting by telephone conference call. Dave Lakly from the Carl Vinson Institute of Government (CVIOG) and 9 recipients of the Certificate of Completion of CVIOG's Charter Schools Financial Management Certification Program were also present.
    - Charter school advocates and legal representatives were present in the audience.

2. Mr. Burdette welcomed the Committee, staff, and general public, and Mr. Johnson read the Committee's Mission Statement.

3. At Mr. Burdette's request, Mr. Erste introduced Mr. Lakly from the Carl Vinson Institute of Government who presented certificates of completion to the business managers who completed the CVIOG Charter Schools Financial Management Certification Program.

4. At Mr. Burdette's request, Mr. Erste presented the Department's recommendation that the State Board of Education grant new SWSS/IE^2 contracts to Bibb County, Bleckley County, Butts County, Dodge County, Fayette County, Hancock County, Jackson County, Lamar County, McDuffie County, Meriwether County, Miller County, Newton County, Richmond County, Rockdale County, Sumter County, Treutlen County, Trion City, Troup County, and Whitfield County schools.

    - Superintendents were available in person and by phone to answer questions from the Committee.
    - After seeking information from each Superintendent regarding their plans to ensure schools with CCRPI scores of 60 or less would meet the SWSS/IE^2 performance targets – and on their relationships with the charter schools that serve their districts – the Committee unanimously agreed to move all 19 SWSS/IE^2 contracts to Action and then onto the Consent Agenda.

5. At Mr. Burdette's request, Mr. Erste shared an update on Macon Charter Academy's (MCA) probationary status, including the school's recent vote to contract with a school turnaround organization, Renaissance School Services.

    - Bibb County School District Superintendent Dr. Curtis Jones provided an update on the district's support of the charter school.
    - MCA's attorney, Robert Fortson, also provided an update on the school's upcoming partnership with Renaissance School Services.
    - Dr. Jones and Mr. Fortson responded to questions from the Committee.

6. At Mr. Burdette's request, Mr. Erste presented the Department's recommendation that the State Board of Education reappoint three members to the State Charter Schools Commission: Tony Lowden, Paul Williams, and James Hogg. Ms. Holliday strongly endorsed the reappointments. After discussing the recommendation, the Committee unanimously agreed to move the Item for Information to Action and then onto the Consent Agenda.

7. At Mr. Burdette's request, Mr. Erste presented the Department's recommendation that the State Board of Education approve a voluntary termination of the charter for Mount Vernon Exploratory School, effective January 1, 2016. The Committee unanimously agreed to move the Action Item onto the Consent Agenda.

8. At Mr. Burdette's request, Ms. Sharma presented the Department's recommendation that the State Board of Education authorize the awarding of $1,400,000.00 in state Facilities Grant funds to nine charter schools, including Charles R. Drew Charter School, DeKalb PATH

Academy, KIPP STRIVE Academy, KIPP South Fulton Academy, The Kindezi Schools, The Museum School of Avondale Estates, Pataula Charter Academy, Atlanta Neighborhood Charter School, and KIPP Vision Academy.

- Ms. Sharma reported that the Budget Committee approved the Facilities Grant award during their committee meeting.

- The Committee unanimously agreed to move the item to Action and then onto the Consent Agenda.

9. At Mr. Burdette's request, Mr. Rauschenberg shared that there were no recent updates from the Governor's Office of Student Achievement.

10. At Mr. Burdette's request, Ms. Holliday presented the State Charter Schools Commission update, including information on the two state charter schools up for renewal in January 2016, Charter Conservatory for Liberal Arts and Technology, and Young Men's Leadership Academy (Ivy Preparatory Academy).

11. At Mr. Burdette's request, Mr. Erste shared that Charter Advisory Committee (CAC) Chair Mark Whitlock will provide an update from the CAC at the January 2016 State Board of Education District Flexibility and Charter Schools Committee meeting, including an update on the Title I work underway in partnership between GaDOE and the Charter System Foundation.

12. At Mr. Burdette's request, Mr. Erste and Ms. Cornwall presented the Department's update on the 2015-2016 charter petition pipeline.

13. Mr. Burdette adjourned the meeting at 11:19 a.m.

Georgia Department of Education
Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

State Board of Education Rules Committee
20th Floor Conference Room, 2056 Twin Towers East
December 10, 2015, 9:30 A.M.
Present: Mr. Trey Allen, Mr. Michael Long, Dr. Mary Sue Murray, Mr. Kenneth Mason

AGENDA

I. Action Items

1. State Board of Education 2016 Calendar

a. Article 5 Section 1 of the State Board of Education by-laws states that at the last meeting of the calendar year, the State Board of Education shall adopt a calendar of meetings for the upcoming year:

- January 13-14
- February 17-18
- March 30-31
- April (no meeting)
- May 4-5
- June 8-9
- July 13-14
- August 17-18
- September 21-22
- October Board Retreat
- November 2-3
- December 7-8

b. It is recommended that the proposed State Board of Education 2016 calendar be adopted.

Dr. Garry McGiboney presented the item. Dr. McGiboney explained that the State Board members discussed the proposed calendar in Operations Committee and in the Committee of the Whole meetings in November. The Committee discussed that the proposed December meeting will be two days; not one day as it was in 2015. This item will be placed on the Consent Agenda.

2. State Board Rule 160-5-1-.08 Class Size-System Waiver – Nine School System Waivers

a. State Board Rule 160-5-1-.08 sets forth class size requirements.
b. Nine school systems are requesting approval of their respective class size waivers for the 2015-2016 school year: Bryan County, Burke County, DeKalb County,

Elbert County, Mitchell County, Thomasville City, Walker County, Wheeler County, and Wilcox County.

c. Each school system is eligible to request a class size waiver, as provided in State Board Rule, because the school systems submitted letters of intent to become flexibility school systems and have submitted supporting local school board resolutions.
d. It is recommended that the waivers be approved for the 2015-2016 school year.

Dr. Garry McGiboney presented the item. Dr. McGiboney explained that these systems were requesting to waive the maximum class size for the 2015-2016 school year. There was no Committee discussion. This item will be placed on the Consent Agenda.

3. State Board Rule 160-5-1-.22 Personnel Required-System Waiver-Lincoln County School System

a. State Board Rule 160-5-1-.22 requires districts to employ specified positions and numbers of positions including superintendent, curriculum director, school psychologist, visiting teacher/school social worker, attendance officer, school nutrition program director, special education director, vocational supervisor, school counselor, technology specialist, art/music/P.E. specialist, principal, media-specialist, and school nutrition program manager.
b. Lincoln County School System is eligible to request a waiver, as provided in State Board Rule, because the school system submitted a flexibility letter of intent and has submitted a supporting local school board resolution.
c. Lincoln County School System is requesting approval of its waiver to allow the school system to operate with a Classified School Nutrition Manager/Supervisor who does not have the credentials set forth in State Board Rule 160-5-6-.01 Nutrition Program. The employee does not have an associate degree, but has several years of work experience in school nutrition programs.
d. Lincoln County School System has 3 schools and 1,198 students.
e. Lincoln County School System superintendent is Samuel Light.
f. It is recommended that the waiver be approved for the 2015-2016 school year.

Dr. Garry McGiboney presented the item. Dr. McGiboney explained that the employee has several years of work experience in school nutrition programs. The Committee discussed the economic hardship that continues to exist in the school system. The Committee discussed liability issues related to local school employee qualifications. This item will be placed on the Consent Agenda.

4. (Adopt) State Board Information Technology Courses for Career Cluster Pathways

a. It is recommended that the State Board adopt the following Georgia Standards of Excellence courses in the Information Technology Career Cluster Pathways:
    1. Embedded Computing
    2. Game Design – Animation and Simulation

3. Web Development

Dr. Garry McGiboney presented the item. Members of the Department's Career, Technical, Agricultural Education division explained that new and current courses were identified to meet the requirements of this Pathway Cluster. The Committee discussed how certain identified courses could satisfy more than one graduation requirement and meet certain college admission requirements. The Committee discussed how numerous stakeholders were involved in course alignment. Representatives from industry collaborated with Department personnel to align courses with industry certification. The Committee also discussed working with teacher training programs to ensure qualified teachers are available. This item will not be placed on the Consent Agenda. The item will be presented to the State Board with the Committee's recommendation to adopt.

5. (Post) State Board Information Technology Courses for Career Cluster Pathways

a. It is recommended that the State Board grant permission to post the following Georgia Standards of Excellence courses in the Architecture and Construction Career Cluster Pathways:
   1. Industrial Mechanics
   2. Fluid Power and Piping Systems
   3. Electrical Motor Control

Dr. Garry McGiboney presented the item. Dr. McGiboney explained that the stakeholders and community partners in the Houston County School System identified this Career Cluster Pathway as one of the high need areas within their community. The Committee discussed the name of the Career Cluster Pathway – Architecture and Construction. It was explained that the name reflected the national cluster pathway. This item will be placed on the Consent Agenda.

II. Discussion Items

Federal Report

1. The U.S. House of Representatives, in a bipartisan vote of 266-167, approved the "Bipartisan Budget Act of 2015," which will provide funding for the federal government for the remainder of FY2016 and all of FY 2017. The Senate is expected to also approve the bill soon, and the White House has indicated that the President will sign it. The agreement effectively eliminates the threat of a government shutdown when the current Continuing Resolution expires on December 11 of this year and will provide ongoing funding for federal operations through September 30, 2017. It also raises the federal debt ceiling.
2. Expected Elementary and Secondary Education Act (ESEA)Conference Committee Outcomes(See Chart)

State Board of Education Operations Committee

Minutes

December 10, 2015

Mr. Mike Royal, Vice Chair	Mr. Kevin Boyd	Mr. Matt Jones
Ms. Lisa Kinnemore	Mr. Kenneth Mason	Ms. Jennifer Hackemeyer
Mr. Brian Burdette	Ms. Barbara Hampton	Dr. Garry McGiboney
Mr. Mike Long	Mr. Scott Johnson	Dr. Melissa Fincher
Dr. Mary Sue Murray	Mr. Larry Winter	Mr. Matt Cardoza
Mr. Trey Allen	Mr. Richard Woods	

I. Committee Agenda Items

a. ***Budget Committee Recommendations*** – Requested that **Items #1-104** under Budget Committee Items be moved as action items to the Committee of the Whole agenda.

b. ***District Flexibility and Charter Schools Committee Recommendations*** – Requested that **Items #1** under District Flexibility and Charter Schools Committee and **Items #1-20** under Items for Information be moved as action items to the Committee of the Whole agenda.

c. ***Rules Committee Recommendations*** - Requested that **Items #1-3 & 5** under Rules Committee Items be moved as action items to the Committee of the Whole agenda. It was recommended that **Item #4** under Rules Committee Items be moved to Rules Committee for separate vote.

Additionally, **Item #1** under Other Business Items will be moved as action item for a separate vote.

d. ***Superintendent's Report to the Board***:
   a) *Employee of the Month* Award
   b) Ferst Foundation for Childhood Literacy – Carroll County Coalition - Betsy Wagenhauser, President, Ferst Foundation for Childhood Literacy
   c) Educating Georgia's Future 2015
   d) CTAE Regional Meetings Update, Pathways to Prosperity Boston Meeting & Georgia's Career Pipeline Initiative – Dr. Barbara Wall

e. ***Chair's Report to the Board***:
   a) Career Pipeline Initiative – Lisa Kinnemore and Kenneth Mason
   b) Social Studies and Science Standards Review Update – Pam Smith

f. Assessment Update – Dr. Melissa Fincher provided the Committee with a brief update of the Assessment Inventory being completed by all districts. Following an in-depth assessment review, Dr. Fincher commented that most local school districts administer up to four assessments per year. The GaDOE will begin working with Georgia Partnership for Excellence in Education (GPEE) to randomly review tests and compare outcomes.

State Board of Education
Executive Session Minutes
December 10, 2015
8:00 a.m.

Attendees

Mr. Mike Royal, Vice Chair	Mr. Kenneth Mason	Dr. Mary Sue Murray
Ms. Lisa Kinnemore	Mr. Kevin Boyd	Mr. Trey Allen
Ms. Barbara Hampton	Mr. Brian Burdette	Mr. Larry Winter
Mr. Mike Long	Mr. Scott Johnson	Ms. Jennifer Colangelo
Mr. Richard Woods	Mr. Matt Jones	Ms. Susan Haynes
	Ms. Jennifer Hackemeyer	Mr. Josh Belinfante

Agenda

1. **Legal Appeals Discussion**. Jennifer Hackemeyer briefed the committee members on certain pending litigation and appeals. Refer to Legal Memorandum dated December 10, 2015 for a summary of December legal matters.

Special Assistant Attorney General Josh Belinfante reviewed the ongoing Department of Justice complaint regarding the Georgia Network for Educational and Therapeutic Support (GNETS) program. A follow up meeting to the November 1st meeting has been scheduled for January 5, 2016.

2. **Personnel**. Denise Peterson presented the December personnel action items to the Committee for discussion. (Attachment A)

Adjournment

The Executive Session adjourned at 9:20 a.m.

Georgia Department of Education

Recommended Personnel Actions – Appointments
State Board of Education Meeting
December 10, 2015

Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

Summary of Appointment Recommendations
State Superintendent of Schools Richard Woods recommends the following Georgia Department of Education at-will appointments:

Name	Job Title	Organizational Unit
Ritchie Ray	Education Research & Evaluation Specialist	21st Century Community Learning Centers
Roger Ivey	Education Program Specialist	Career, Technical and Agricultural Education
Ryan Forman	Budget Specialist	Accounting Services
Charlette Brown	Auditor 2	School Nutrition
Tylisa Young	Technical Analsyt 1	Internal Technology
R. Don Heard	Instructional Technology Specialist	Georgia Virtual School
Nakeba Finlayson-Rahming	Education Program Specialist	Exceptional Education – GNETS
Sarah A. Paul	Grants Administrator	Facilities Services
Niomi Henry	School Effectiveness Specialist	School Improvement
Phuong Tran	Systems Analyst 3	Administrative Technology

Attachment A

Appendix 6

Year	2016				
Sum of Amount			Other		
System Number	System Name	Grant	Original	Amendment I	Grand Total
443	State FFA - FCCLA Center	CTAE - Ag Extended Day	8,057	5,383	13,440
		CTAE - Ag Extended Year	16,118		16,118
	State FFA - FCCLA Center Total		24,175	5,383	29,558
444	Camp John Hope	CTAE - Ag Extended Day	8,056	5,384	13,440
		CTAE - Ag Extended Year	16,118		16,118
	Camp John Hope Total		24,174	5,384	29,558
601	Appling County	CTAE - Ag Extended Day	11,954		11,954
		CTAE - Ag Extended Year	13,981		13,981
		CTAE - Ag Young Farmer	68,261		68,261
	Appling County Total		94,196		94,196
602	Atkinson County	CTAE - Ag Extended Day	4,273		4,273
		CTAE - Ag Extended Year	3,999		3,999
	Atkinson County Total		8,272		8,272
603	Bacon County	CTAE - Ag Extended Day	14,663		14,663
		CTAE - Ag Extended Year	6,861		6,861
		CTAE - Ag Young Farmer	72,599		72,599
	Bacon County Total		94,123		94,123
605	Baldwin County	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	1,760		1,760
	Baldwin County Total		5,520		5,520
606	Banks County	CTAE - Ag Extended Day	17,839		17,839
		CTAE - Ag Extended Year	14,912		14,912
		CTAE - Area Teachers Program	612,413	10,000	622,413
	Banks County Total		645,164	10,000	655,164
607	Barrow County	CTAE - Ag Extended Day	18,958	481	19,439
		CTAE - Ag Extended Year	8,870	225	9,095
	Barrow County Total		27,828	706	28,534
608	Bartow County	CTAE - Ag Extended Day	14,280		14,280
		CTAE - Ag Extended Year	13,363		13,363
	Bartow County Total		27,643		27,643
609	Ben Hill County	CTAE - Ag Extended Day	10,076	2,856	12,932
		CTAE - Ag Extended Year	9,428	3,360	12,788
		CTAE - Ag Young Farmer	60,306		60,306
	Ben Hill County Total		79,810	6,216	86,026
610	Berrien County	CTAE - Ag Extended Day	22,004	(3,166)	18,838
		CTAE - Ag Extended Year	20,587	(2,962)	17,625
		CTAE - Ag Young Farmer	57,302		57,302
	Berrien County Total		99,893	(6,128)	93,765
611	Bibb County	CTAE - Ag Extended Day	10,265		10,265
		CTAE - Ag Extended Year	4,803		4,803
	Bibb County Total		15,068		15,068
612	Bleckley County	CTAE - Ag Extended Day	13,036		13,036
		CTAE - Ag Extended Year	12,199		12,199
	Bleckley County Total		25,235		25,235
613	Brantley County	CTAE - Ag Extended Day	20,067		20,067
		CTAE - Ag Extended Year	14,082		14,082
	Brantley County Total		34,149		34,149
614	Brooks County	CTAE - Ag Extended Day	8,822	1,266	10,088
		CTAE - Ag Extended Year	8,255	1,184	9,439
		CTAE - Ag Young Farmer	57,302		57,302
	Brooks County Total		74,379	2,450	76,829

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
AMENDED

Year	2016				
Sum of Amount			Other		
System Number	System Name	Grant	Original	Amendment I	Grand Total
615	Bryan County	CTAE - Ag Extended Day	4,738		4,738
		CTAE - Ag Extended Year	2,660		2,660
	Bryan County Total		7,398		7,398
616	Bulloch County	CTAE - Ag Extended Day	23,573		23,573
		CTAE - Ag Extended Year	13,653		13,653
	Bulloch County Total		37,226		37,226
617	Burke County	CTAE - Ag Extended Day	9,162		9,162
		CTAE - Ag Extended Year	4,234		4,234
		CTAE - Ag Young Farmer	68,651		68,651
	Burke County Total		82,047		82,047
618	Butts County	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	1,760		1,760
	Butts County Total		5,520		5,520
619	Calhoun County	CTAE - Ag Extended Day	3,123		3,123
		CTAE - Ag Extended Year	4,047		4,047
	Calhoun County Total		7,170		7,170
620	Camden County	CTAE - Ag Extended Day	13,328	4,766	18,094
		CTAE - Ag Extended Year	6,236	2,230	8,466
	Camden County Total		19,564	6,996	26,560
621	Candler County	CTAE - Ag Extended Day	4,325		4,325
		CTAE - Ag Extended Year	2,024		2,024
		CTAE - Ag Young Farmer	53,471		53,471
	Candler County Total		59,820		59,820
622	Carroll County	CTAE - Ag Extended Day	27,501	336	27,837
		CTAE - Ag Extended Year	25,731	314	26,045
		CTAE - Ag Young Farmer	60,726		60,726
	Carroll County Total		113,958	650	114,608
623	Catoosa County	CTAE - Ag Extended Day	17,707		17,707
		CTAE - Ag Extended Year	8,284		8,284
	Catoosa County Total		25,991		25,991
624	Charlton County	CTAE - Ag Extended Day	7,922		7,922
		CTAE - Ag Extended Year	3,707		3,707
	Charlton County Total		11,629		11,629
625	Chatham County	CTAE - Ag Extended Day	9,722	2,232	11,954
		CTAE - Ag Extended Year	4,548	1,045	5,593
	Chatham County Total		14,270	3,277	17,547
627	Chattooga County	CTAE - Ag Extended Day	11,266		11,266
		CTAE - Ag Extended Year	10,542		10,542
		CTAE - Ag Young Farmer	84,084		84,084
	Chattooga County Total		105,892		105,892
628	Cherokee County	CTAE - Ag Extended Day	8,498	827	9,325
		CTAE - Ag Extended Year	5,084	387	5,471
	Cherokee County Total		13,582	1,214	14,796
629	Clarke County	CTAE - Ag Extended Day	23,473	1,529	25,002
		CTAE - Ag Extended Year	11,488	715	12,203
	Clarke County Total		34,961	2,244	37,205
631	Clayton County	CTAE - Ag Extended Day	5,954	(5,954)	0
		CTAE - Ag Extended Year	2,786	(2,786)	0
	Clayton County Total		8,740	(8,740)	0
632	Clinch County	CTAE - Ag Extended Day	5,977		5,977
		CTAE - Ag Extended Year	2,797		2,797

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
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Year	2016

Sum of Amount System Number	System Name	Grant	Other Original	Amendment I	Grand Total
632	Clinch County Total		8,774		8,774
633	Cobb County	CTAE - Ag Extended Day	3,999	326	4,325
		CTAE - Ag Extended Year	2,495	(471)	2,024
	Cobb County Total		6,494	(145)	6,349
634	Coffee County	CTAE - Ag Extended Day	24,686		24,686
		CTAE - Ag Extended Year	16,892	2,786	19,678
		CTAE - Ag Young Farmer	60,726		60,726
	Coffee County Total		102,304	2,786	105,090
635	Colquitt County	CTAE - Ag Extended Day	33,422	(2,372)	31,050
		CTAE - Ag Extended Year	29,710	(2,108)	27,602
		CTAE - Ag Young Farmer	103,437		103,437
		CTAE - Area Teachers Program	405,974		405,974
	Colquitt County Total		572,543	(4,480)	568,063
636	Columbia County	CTAE - Ag Extended Day	14,871	(3,760)	11,111
		CTAE - Ag Extended Year	6,958	(1,759)	5,199
	Columbia County Total		21,829	(5,519)	16,310
637	Cook County	CTAE - Ag Extended Day	13,434	(1,056)	12,378
		CTAE - Ag Extended Year	9,329	(989)	8,340
		CTAE - Ag Young Farmer	68,651		68,651
	Cook County Total		91,414	(2,045)	89,369
639	Crawford County	CTAE - Ag Extended Day	9,206		9,206
		CTAE - Ag Extended Year	6,801		6,801
		CTAE - Ag Young Farmer	77,190	(3,267)	73,923
	Crawford County Total		93,197	(3,267)	89,930
640	Crisp County	CTAE - Ag Extended Day	12,117		12,117
		CTAE - Ag Extended Year	11,338		11,338
		CTAE - Ag Young Farmer	63,717		63,717
	Crisp County Total		87,172		87,172
642	Dawson County	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	3,519		3,519
	Dawson County Total		7,279		7,279
643	Decatur County	CTAE - Ag Extended Day	12,613		12,613
		CTAE - Ag Extended Year	11,803		11,803
		CTAE - Ag Young Farmer	68,651		68,651
	Decatur County Total		93,067		93,067
644	DeKalb County	CTAE - Ag Extended Day	4,914	1,040	5,954
		CTAE - Ag Extended Year	2,300	486	2,786
	DeKalb County Total		7,214	1,526	8,740
645	Dodge County	CTAE - Ag Extended Day	9,530		9,530
		CTAE - Ag Extended Year	6,688		6,688
		CTAE - Ag Young Farmer	5,000		5,000
	Dodge County Total		21,218		21,218
646	Dooly County	CTAE - Ag Extended Day	6,505		6,505
		CTAE - Ag Extended Year	3,044		3,044
		CTAE - Ag Young Farmer	84,084		84,084
	Dooly County Total		93,633		93,633
648	Douglas County	CTAE - Ag Extended Day	3,734		3,734
		CTAE - Ag Extended Year	2,495		2,495
	Douglas County Total		6,229		6,229
649	Early County	CTAE - Ag Extended Day	5,026		5,026
		CTAE - Ag Extended Year	4,703		4,703

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
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Year	2016

Sum of Amount System Number	System Name	Grant	Other Original	Amendment I	Grand Total
649	Early County	CTAE - Ag Young Farmer	50,857		50,857
	Early County Total		**60,586**		**60,586**
650	Echols County	CTAE - Ag Extended Day	9,463		9,463
		CTAE - Ag Extended Year	8,412		8,412
	Echols County Total		**17,875**		**17,875**
651	Effingham County	CTAE - Ag Extended Day	31,363		31,363
		CTAE - Ag Extended Year	29,347		29,347
		CTAE - Ag Young Farmer	76,536		76,536
	Effingham County Total		**137,246**		**137,246**
652	Elbert County	CTAE - Ag Extended Day	4,587		4,587
		CTAE - Ag Extended Year	3,220		3,220
	Elbert County Total		**7,807**		**7,807**
653	Emanuel County	CTAE - Ag Extended Day	17,621		17,621
		CTAE - Ag Extended Year	16,489		16,489
		CTAE - Ag Young Farmer	61,557		61,557
		CTAE - Area Teachers Program	501,228	10,000	511,228
	Emanuel County Total		**596,895**	**10,000**	**606,895**
654	Evans County	CTAE - Ag Extended Day	4,109		4,109
		CTAE - Ag Extended Year	1,923		1,923
	Evans County Total		**6,032**		**6,032**
655	Fannin County	CTAE - Ag Extended Day	12,018		12,018
		CTAE - Ag Extended Year	8,766		8,766
	Fannin County Total		**20,784**		**20,784**
657	Floyd County	CTAE - Ag Extended Day	11,676		11,676
		CTAE - Ag Extended Year	5,463		5,463
		CTAE - Ag Young Farmer	5,000		5,000
	Floyd County Total		**22,139**		**22,139**
658	Forsyth County	CTAE - Ag Extended Day	4,886		4,886
		CTAE - Ag Extended Year	2,287		2,287
	Forsyth County Total		**7,173**		**7,173**
659	Franklin County	CTAE - Ag Extended Day	15,090		15,090
		CTAE - Ag Extended Year	14,120		14,120
		CTAE - Ag Young Farmer	76,536		76,536
	Franklin County Total		**105,746**		**105,746**
660	Fulton County	CTAE - Ag Extended Day	14,935	(325)	14,610
		CTAE - Ag Extended Year	6,987	472	7,459
	Fulton County Total		**21,922**	**147**	**22,069**
661	Gilmer County	CTAE - Ag Extended Day	17,692		17,692
		CTAE - Ag Extended Year	16,554		16,554
		CTAE - Ag Young Farmer	66,878		66,878
	Gilmer County Total		**101,124**		**101,124**
662	Glascock County	CTAE - Ag Extended Day	4,600		4,600
		CTAE - Ag Extended Year	4,304		4,304
	Glascock County Total		**8,904**		**8,904**
663	Glynn County	CTAE - Ag Extended Day	12,377		12,377
		CTAE - Ag Extended Year	11,581		11,581
	Glynn County Total		**23,958**		**23,958**
664	Gordon County	CTAE - Ag Extended Day	21,257	4,088	25,345
		CTAE - Ag Extended Year	16,832	3,592	20,424
		CTAE - Ag Young Farmer	74,541	(31,516)	43,025
	Gordon County Total		**112,630**	**(23,836)**	**88,794**

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
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Year	2016				
Sum of Amount			Other		
System Number	System Name	Grant	Original	Amendment I	Grand Total
665	Grady County	CTAE - Ag Extended Day	9,015		9,015
		CTAE - Ag Extended Year	8,436		8,436
		CTAE - Ag Young Farmer	60,726		60,726
	Grady County Total		78,177		78,177
666	Greene County	CTAE - Ag Extended Day	5,062		5,062
		CTAE - Ag Extended Year	2,368		2,368
	Greene County Total		7,430		7,430
668	Habersham County	CTAE - Ag Extended Day	26,017		26,017
		CTAE - Ag Extended Year	24,343		24,343
	Habersham County Total		50,360		50,360
669	Hall County	CTAE - Ag Extended Day	6,865	3,760	10,625
		CTAE - Ag Extended Year	5,518	1,759	7,277
	Hall County Total		12,383	5,519	17,902
671	Haralson County	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	1,760		1,760
	Haralson County Total		5,520		5,520
672	Harris County	CTAE - Ag Extended Day	6,156		6,156
		CTAE - Ag Extended Year	6,112		6,112
	Harris County Total		12,268		12,268
673	Hart County	CTAE - Ag Extended Day	10,053		10,053
		CTAE - Ag Extended Year	9,407		9,407
	Hart County Total		19,460		19,460
674	Heard County	CTAE - Ag Extended Day	5,177		5,177
		CTAE - Ag Extended Year	2,422		2,422
	Heard County Total		7,599		7,599
675	Henry County	CTAE - Ag Extended Day	55,336	1,178	56,514
		CTAE - Ag Extended Year	26,997	551	27,548
	Henry County Total		82,333	1,729	84,062
676	Houston County	CTAE - Ag Extended Day	87,085		87,085
		CTAE - Ag Extended Year	81,483		81,483
		CTAE - Ag Young Farmer	84,084		84,084
		CTAE - Ag Youth Camps	144,852		144,852
	Houston County Total		397,504		397,504
677	Irwin County	CTAE - Ag Extended Day	22,204	(1,779)	20,425
		CTAE - Ag Extended Year	18,698	(989)	17,709
		CTAE - Ag Young Farmer	56,713		56,713
	Irwin County Total		97,615	(2,768)	94,847
678	Jackson County	CTAE - Ag Extended Day	28,991	2,439	31,430
		CTAE - Ag Extended Year	20,344	1,712	22,056
		CTAE - Ag Young Farmer	45,166		45,166
	Jackson County Total		94,501	4,151	98,652
679	Jasper County	CTAE - Ag Extended Day	4,273		4,273
		CTAE - Ag Extended Year	3,999		3,999
	Jasper County Total		8,272		8,272
680	Jeff Davis County	CTAE - Ag Extended Day	22,330		22,330
		CTAE - Ag Extended Year	10,447		10,447
		CTAE - Ag Young Farmer	5,000		5,000
	Jeff Davis County Total		37,777		37,777
681	Jefferson County	CTAE - Ag Extended Day	7,633	(3,760)	3,873
		CTAE - Ag Extended Year	5,021	(1,759)	3,262
		CTAE - Ag Young Farmer	5,000		5,000

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
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Year	2016				
Sum of Amount			Other		
System Number	System Name	Grant	Original	Amendment I	Grand Total
681	Jefferson County Total		17,654	(5,519)	12,135
682	Jenkins County	CTAE - Ag Extended Day	10,005		10,005
		CTAE - Ag Extended Year	4,681		4,681
	Jenkins County Total		14,686		14,686
683	Johnson County	CTAE - Ag Extended Day	12,231	(2,897)	9,334
		CTAE - Ag Extended Year	11,444	(2,710)	8,734
		CTAE - Ag Young Farmer	62,425	14,111	76,536
	Johnson County Total		86,100	8,504	94,604
684	Jones County	CTAE - Ag Extended Day	15,598		15,598
		CTAE - Ag Extended Year	7,298		7,298
	Jones County Total		22,896		22,896
686	Lanier County	CTAE - Ag Extended Day	9,777		9,777
		CTAE - Ag Extended Year	9,148		9,148
	Lanier County Total		18,925		18,925
687	Laurens County	CTAE - Ag Extended Day	16,301		16,301
		CTAE - Ag Extended Year	7,627		7,627
		CTAE - Ag Young Farmer	76,536		76,536
	Laurens County Total		100,464		100,464
688	Lee County	CTAE - Ag Extended Day	23,759		23,759
		CTAE - Ag Extended Year	18,712		18,712
	Lee County Total		42,471		42,471
689	Liberty County	CTAE - Ag Extended Day	9,239		9,239
		CTAE - Ag Extended Year	4,323		4,323
	Liberty County Total		13,562		13,562
690	Lincoln County	CTAE - Ag Extended Day	6,616	(2,856)	3,760
		CTAE - Ag Extended Year	3,440	(1,680)	1,760
	Lincoln County Total		10,056	(4,536)	5,520
691	Long County	CTAE - Ag Extended Day	11,417		11,417
		CTAE - Ag Extended Year	5,342		5,342
	Long County Total		16,759		16,759
692	Lowndes County	CTAE - Ag Extended Day	30,975		30,975
		CTAE - Ag Extended Year	20,843		20,843
		CTAE - Ag Young Farmer	5,000		5,000
	Lowndes County Total		56,818		56,818
693	Lumpkin County	CTAE - Ag Extended Day	3,989		3,989
		CTAE - Ag Extended Year	3,733		3,733
	Lumpkin County Total		7,722		7,722
694	Macon County	CTAE - Ag Extended Day	3,760	349	4,109
		CTAE - Ag Extended Year	1,760	163	1,923
	Macon County Total		5,520	512	6,032
695	Madison County	CTAE - Ag Extended Day	17,457		17,457
		CTAE - Ag Extended Year	16,334		16,334
		CTAE - Ag Young Farmer	58,784		58,784
	Madison County Total		92,575		92,575
696	Marion County	CTAE - Ag Extended Day	4,738		4,738
		CTAE - Ag Extended Year	4,433		4,433
		CTAE - Ag Young Farmer	5,000		5,000
	Marion County Total		14,171		14,171
697	McDuffie County	CTAE - Ag Extended Day	11,036		11,036
		CTAE - Ag Extended Year	7,025		7,025
	McDuffie County Total		18,061		18,061

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
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Year	2016

Sum of Amount System Number	System Name	Grant	Other Original	Amendment I	Grand Total
698	McIntosh County	CTAE - Ag Extended Day	3,873	(113)	3,760
		CTAE - Ag Extended Year	1,812	(52)	1,760
	McIntosh County Total		5,685	(165)	5,520
699	Meriwether County	CTAE - Ag Extended Day	2,162	(2,162)	0
		CTAE - Ag Extended Year	2,024	(2,024)	0
	Meriwether County Total		4,186	(4,186)	0
700	Miller County	CTAE - Ag Extended Day	5,612		5,612
		CTAE - Ag Extended Year	5,251		5,251
		CTAE - Ag Young Farmer	61,880		61,880
	Miller County Total		72,743		72,743
701	Mitchell County	CTAE - Ag Extended Day	12,970		12,970
		CTAE - Ag Extended Year	6,069		6,069
		CTAE - Ag Young Farmer	52,148		52,148
	Mitchell County Total		71,187		71,187
702	Monroe County	CTAE - Ag Extended Day	11,111		11,111
		CTAE - Ag Extended Year	8,638		8,638
	Monroe County Total		19,749		19,749
703	Montgomery County	CTAE - Ag Extended Day	4,914		4,914
		CTAE - Ag Extended Year	2,300		2,300
	Montgomery County Total		7,214		7,214
704	Morgan County	CTAE - Ag Extended Day	11,506		11,506
		CTAE - Ag Extended Year	5,383		5,383
	Morgan County Total		16,889		16,889
705	Murray County	CTAE - Ag Extended Day	20,366		20,366
		CTAE - Ag Extended Year	19,056		19,056
		CTAE - Ag Young Farmer	68,651		68,651
	Murray County Total		108,073		108,073
707	Newton County	CTAE - Ag Extended Day	22,463	(229)	22,234
		CTAE - Ag Extended Year	21,925	(214)	21,711
		CTAE - Ag Youth Camps	346,052		346,052
		CTAE - Area Teachers Program	91,755	8,702	100,457
	Newton County Total		482,195	8,259	490,454
708	Oconee County	CTAE - Ag Extended Day	18,573	1,287	19,860
		CTAE - Ag Extended Year	15,324	903	16,227
	Oconee County Total		33,897	2,190	36,087
709	Oglethorpe County	CTAE - Ag Extended Day	19,090		19,090
		CTAE - Ag Extended Year	15,237		15,237
	Oglethorpe County Total		34,327		34,327
710	Paulding County	CTAE - Ag Extended Day	9,652		9,652
		CTAE - Ag Extended Year	9,031		9,031
	Paulding County Total		18,683		18,683
711	Peach County	CTAE - Ag Extended Day	9,515		9,515
		CTAE - Ag Extended Year	8,903		8,903
	Peach County Total		18,418		18,418
712	Pickens County	CTAE - Ag Extended Day	18,679		18,679
		CTAE - Ag Extended Year	17,477		17,477
	Pickens County Total		36,156		36,156
713	Pierce County	CTAE - Ag Extended Day	3,873		3,873
		CTAE - Ag Extended Year	1,812		1,812
	Pierce County Total		5,685		5,685
714	Pike County	CTAE - Ag Extended Day	16,842		16,842

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Year	2016				
Sum of Amount			Other		
System Number	System Name	Grant	Original	Amendment I	Grand Total
714	Pike County	CTAE - Ag Extended Year	13,999		13,999
	Pike County Total		30,841		30,841
715	Polk County	CTAE - Ag Extended Day	14,352		14,352
		CTAE - Ag Extended Year	10,073		10,073
	Polk County Total		24,425		24,425
716	Pulaski County	CTAE - Ag Extended Day	5,492		5,492
		CTAE - Ag Extended Year	2,570		2,570
	Pulaski County Total		8,062		8,062
717	Putnam County	CTAE - Ag Extended Day	3,873		3,873
		CTAE - Ag Extended Year	3,624		3,624
	Putnam County Total		7,497		7,497
719	Rabun County	CTAE - Ag Extended Day	7,144		7,144
		CTAE - Ag Extended Year	7,037		7,037
	Rabun County Total		14,181		14,181
720	Randolph County	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	1,760		1,760
	Randolph County Total		5,520		5,520
721	Richmond County	CTAE - Ag Extended Day	10,350		10,350
		CTAE - Ag Extended Year	4,842		4,842
	Richmond County Total		15,192		15,192
722	Rockdale County	CTAE - Ag Extended Day	5,657		5,657
		CTAE - Ag Extended Year	2,647		2,647
	Rockdale County Total		8,304		8,304
723	Schley County	CTAE - Ag Extended Day	5,177		5,177
		CTAE - Ag Extended Year	4,602		4,602
	Schley County Total		9,779		9,779
724	Screven County	CTAE - Ag Extended Day	20,861		20,861
		CTAE - Ag Extended Year	17,159		17,159
		CTAE - Ag Young Farmer	5,000		5,000
	Screven County Total		43,020		43,020
725	Seminole County	CTAE - Ag Extended Day	10,488		10,488
		CTAE - Ag Extended Year	9,813		9,813
		CTAE - Ag Young Farmer	65,166		65,166
	Seminole County Total		85,467		85,467
726	Spalding County	CTAE - Ag Extended Day	4,454		4,454
		CTAE - Ag Extended Year	2,084		2,084
	Spalding County Total		6,538		6,538
727	Stephens County	CTAE - Ag Extended Day	9,372		9,372
		CTAE - Ag Extended Year	8,331		8,331
		CTAE - Ag Young Farmer	44,085		44,085
	Stephens County Total		61,788		61,788
729	Sumter County	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	1,760		1,760
		CTAE - Ag Young Farmer	68,651		68,651
	Sumter County Total		74,171		74,171
732	Tattnall County	CTAE - Ag Extended Day	11,809		11,809
		CTAE - Ag Extended Year	10,497		10,497
		CTAE - Ag Young Farmer	52,788		52,788
	Tattnall County Total		75,094		75,094
733	Taylor County	CTAE - Ag Extended Day	4,325		4,325
		CTAE - Ag Extended Year	2,024		2,024

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Year	2016				
Sum of Amount			Other		
System Number	System Name	Grant	Original	Amendment I	Grand Total
733	Taylor County Total		6,349		6,349
734	Telfair County	CTAE - Ag Extended Day	6,505		6,505
		CTAE - Ag Extended Year	6,087		6,087
		CTAE - Ag Young Farmer	57,302		57,302
	Telfair County Total		69,894		69,894
735	Terrell County	CTAE - Ag Extended Day	5,492		5,492
		CTAE - Ag Extended Year	4,625		4,625
	Terrell County Total		10,117		10,117
736	Thomas County	CTAE - Ag Extended Day	18,457		18,457
		CTAE - Ag Extended Year	14,775		14,775
		CTAE - Ag Young Farmer	60,735		60,735
	Thomas County Total		93,967		93,967
737	Tift County	CTAE - Ag Extended Day	34,984	840	35,824
		CTAE - Ag Extended Year	30,976	2,545	33,521
		CTAE - Ag Young Farmer	72,599		72,599
	Tift County Total		138,559	3,385	141,944
738	Toombs County	CTAE - Ag Extended Day	14,452	565	15,017
		CTAE - Ag Extended Year	13,522	528	14,050
		CTAE - Ag Young Farmer	5,000		5,000
	Toombs County Total		32,974	1,093	34,067
739	Towns County	CTAE - Ag Extended Day	11,079		11,079
		CTAE - Ag Extended Year	8,150		8,150
	Towns County Total		19,229		19,229
740	Treutlen County	CTAE - Ag Extended Day	6,505		6,505
		CTAE - Ag Extended Year	6,087		6,087
	Treutlen County Total		12,592		12,592
741	Troup County	CTAE - Ag Extended Day	20,799		20,799
		CTAE - Ag Extended Year	9,732		9,732
	Troup County Total		30,531		30,531
742	Turner County	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	3,519		3,519
		CTAE - Ag Young Farmer	72,599		72,599
	Turner County Total		79,878		79,878
743	Twiggs County	CTAE - Ag Extended Day	5,492		5,492
		CTAE - Ag Extended Year	2,570		2,570
	Twiggs County Total		8,062		8,062
744	Union County	CTAE - Ag Extended Day	8,925		8,925
		CTAE - Ag Extended Year	8,350		8,350
		CTAE - Ag Young Farmer	43,025	(27,269)	15,756
	Union County Total		60,300	(27,269)	33,031
745	Thomaston-Upson County	CTAE - Ag Extended Day	7,633	581	8,214
		CTAE - Ag Extended Year	6,237	407	6,644
	Thomaston-Upson County Total		13,870	988	14,858
746	Walker County	CTAE - Ag Extended Day	38,379		38,379
		CTAE - Ag Extended Year	35,913		35,913
		CTAE - Ag Young Farmer	101,133		101,133
	Walker County Total		175,425		175,425
747	Walton County	CTAE - Ag Extended Day	32,318	(1,852)	30,466
		CTAE - Ag Extended Year	15,120	(866)	14,254
	Walton County Total		47,438	(2,718)	44,720
748	Ware County	CTAE - Ag Extended Day	19,312	5,753	25,065

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
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Year	2016				
Sum of Amount			Other		
System Number	System Name	Grant	Original	Amendment I	Grand Total
748	Ware County	CTAE - Ag Extended Year	9,035	2,692	11,727
	Ware County Total		**28,347**	**8,445**	**36,792**
750	Washington County	CTAE - Ag Extended Day	8,146	(513)	7,633
		CTAE - Ag Extended Year	3,812	(240)	3,572
	Washington County Total		**11,958**	**(753)**	**11,205**
751	Wayne County	CTAE - Ag Extended Day	4,401		4,401
		CTAE - Ag Extended Year	3,913		3,913
		CTAE - Ag Young Farmer	54,846		54,846
	Wayne County Total		**63,160**		**63,160**
752	Webster County	CTAE - Ag Extended Day	4,005		4,005
		CTAE - Ag Extended Year	1,874		1,874
	Webster County Total		**5,879**		**5,879**
753	Wheeler County	CTAE - Ag Extended Day	9,417		9,417
		CTAE - Ag Extended Year	8,812		8,812
	Wheeler County Total		**18,229**		**18,229**
754	White County	CTAE - Ag Extended Day	22,791		22,791
		CTAE - Ag Extended Year	21,325		21,325
	White County Total		**44,116**		**44,116**
755	Whitfield County	CTAE - Ag Extended Day	12,242	4,000	16,242
		CTAE - Ag Extended Year	15,197		15,197
		CTAE - Ag Young Farmer	53,796		53,796
	Whitfield County Total		**81,235**	**4,000**	**85,235**
756	Wilcox County	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	2,024		2,024
		CTAE - Ag Young Farmer	5,000		5,000
	Wilcox County Total		**10,784**		**10,784**
757	Wilkes County	CTAE - Ag Extended Day	8,314		8,314
		CTAE - Ag Extended Year	7,779		7,779
		CTAE - Ag Young Farmer	68,651		68,651
	Wilkes County Total		**84,744**		**84,744**
759	Worth County	CTAE - Ag Extended Day	8,640	2,194	10,834
		CTAE - Ag Extended Year	8,085	2,052	10,137
		CTAE - Ag Young Farmer	5,000		5,000
	Worth County Total		**21,725**	**4,246**	**25,971**
765	Calhoun City	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	3,519		3,519
	Calhoun City Total		**7,279**		**7,279**
769	Chickamauga City	CTAE - Ag Extended Day	5,177		5,177
		CTAE - Ag Extended Year	2,422		2,422
	Chickamauga City Total		**7,599**		**7,599**
772	Dalton City	CTAE - Ag Extended Day	4,325		4,325
		CTAE - Ag Extended Year	3,035		3,035
	Dalton City Total		**7,360**		**7,360**
774	Dublin City	CTAE - Ag Extended Day	4,454	1,203	5,657
		CTAE - Ag Extended Year	4,168	1,125	5,293
	Dublin City Total		**8,622**	**2,328**	**10,950**
779	Jefferson City	CTAE - Ag Extended Day	18,462	978	19,440
		CTAE - Ag Extended Year	17,275	915	18,190
	Jefferson City Total		**35,737**	**1,893**	**37,630**
784	Pelham City	CTAE - Ag Extended Day	16,038	(1,987)	14,051
		CTAE - Ag Extended Year	15,007	(1,859)	13,148

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
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Year	2016

Sum of Amount			Other		
System Number	System Name	Grant	Original	Amendment I	Grand Total
784	Pelham City Total		31,045	(3,846)	27,199
786	Social Circle City	CTAE - Ag Extended Day	5,449		5,449
		CTAE - Ag Extended Year	2,549		2,549
	Social Circle City Total		7,998		7,998
789	Thomasville City	CTAE - Ag Extended Day	5,050	(5,050)	0
		CTAE - Ag Extended Year	5,251	(5,251)	0
	Thomasville City Total		10,301	(10,301)	0
783-0210	Pataula Charter Academy	CTAE - Ag Extended Day	3,760		3,760
		CTAE - Ag Extended Year	3,519		3,519
	Pataula Charter Academy Total		7,279		7,279
Grand Total			8,437,772	0	8,437,772

Georgia Department of Education
Agricultural Education High School Program Grants FY 2016
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Year	2016

Sum of Amount	Column Labels		
Row Labels	Original	Amendment I	Grand Total
CTAE - Ag Extended Day	1,886,843.00	15,810.00	1,902,653.00
CTAE - Ag Extended Year	1,440,103.00	3,429.00	1,443,532.00
CTAE - Ag Young Farmer	3,008,552.00	(47,941.00)	2,960,611.00
CTAE - Ag Youth Camps	490,904.00		490,904.00
CTAE - Area Teachers Program	1,611,370.00	28,702.00	1,640,072.00
Grand Total	**8,437,772.00**	**0.00**	**8,437,772.00**

FY 2016 Striving Readers Grant Cohort Five
Year One Budget Requests Summary

School System	Cohort Five Year One Budget Requests
Thomas County Grand Total	$ 810,543
Baldwin County Grand Total	$ 1,167,344
Effingham County Grand Total	$ 104,030
Rockdale County Grand Total	$ 487,538
McIntosh County Grand Total	$ 431,300
Wilkinson County Grand Total	$ 237,447
Grand Total	$ 3,238,202

Appendix 7

Georgia Department of Education
FY16 Title I Reward Districts

System Name	Student Count	System Size	Award Amount
Forsyth County	42,375	Large	$50,000
Oconee County	7,068	Medium	$50,000
Jefferson City	3,243	Small	$50,000
Coweta Charter Academy	649	X-Small	$50,000
Total			$200,000

Georgia Department of Education
FY16 Reward Schools - Highest Performing
(Based on 2013-2014 data)

SYSTEM ID	SCHOOL ID	SYSTEM NAME	SCHOOL NAME
761	0201	Atlanta Public Schools	Charles R. Drew Charter School
761	0115	Atlanta Public Schools	Kipp Strive Academy
761	2569	Atlanta Public Schools	West Manor Elementary School
603	3050	Bacon County	Bacon County Elementary School
603	0102	Bacon County	Bacon County Primary School
606	0205	Banks County	Banks County Primary School
608	0396	Bartow County	Taylorsville Elementary School
610	0195	Berrien County	Berrien Elementary School
610	5050	Berrien County	Berrien Primary School
611	1050	Bibb County	Alexander II Magnet School
612	0197	Bleckley County	Bleckley County Elementary School
612	1050	Bleckley County	Bleckley County Primary School
613	2050	Brantley County	Hoboken Elementary School
613	3050	Brantley County	Nahunta Primary School
763	2050	Bremen City	Jones Elementary School
764	0100	Buford City	Buford Academy
764	0196	Buford City	Buford Elementary School
616	0200	Bulloch County	Brooklet Elementary School
620	0187	Camden County	Crooked River Elementary School
620	0495	Camden County	Mary Lee Clark Elementary School
620	0189	Camden County	Matilda Harris Elementary School
620	0197	Camden County	Sugarmill Elementary
622	0405	Carroll County	Ithica Elementary
622	0115	Carroll County	Providence Elementary School
622	0377	Carroll County	Roopville Elementary School
767	0177	Cartersville City	Cartersville Primary School
623	0102	Catoosa County	Battlefield Primary
623	0100	Catoosa County	Ringgold Primary School
634	0102	Coffee County	Ambrose Elementary School
636	0173	Columbia County	Westmont Elementary School
636	2052	Columbia County	Martinez Elementary School
771	1050	Commerce City	Commerce Elementary School
771	0104	Commerce City	Commerce Primary
772	1050	Dalton City	Brookwood Elementary School
644	0407	DeKalb County	Dekalb Early College Academy
651	4050	Effingham County	Rincon Elementary School
651	0103	Effingham County	Springfield Elementary School
656	0186	Fayette County	Oak Grove Elementary School
658	0206	Forsyth County	Little Mill Middle School
658	0202	Forsyth County	Otwell Middle School
660	0103	Fulton County	Hembree Springs Elementary School

Georgia Department of Education
FY16 Reward Schools - Highest Performing
(Based on 2013-2014 data)

SYSTEM ID	SCHOOL ID	SYSTEM NAME	SCHOOL NAME
660	0204	Fulton County	KIPP South Fulton Academy School
663	0298	Glynn County	Greer Elementary School
663	1056	Glynn County	St. Simons Elementary School
667	3054	Gwinnett County	Harris Elementary School
674	1050	Heard County	Centralhatchee Elementary School
676	2050	Houston County	Centerville Elementary School
676	0100	Houston County	Eagle Springs Elementary
678	0104	Jackson County	East Jackson Elementary School
678	0101	Jackson County	West Jackson Intermediate School (West Jackson ES)
678	0297	Jackson County	West Jackson Middle School
678	1050	Jackson County	Benton Elementary School
678	2550	Jackson County	Maysville Elementary School
779	0107	Jefferson City	Jefferson Academy
692	4050	Lowndes County	Lake Park Elementary School
693	0191	Lumpkin County	Long Branch Elementary School
695	0101	Madison County	Hull-Sanford Elementary School
695	4050	Madison County	Ila Elementary School
702	0111	Monroe County	Katherine B. Sutton Elementary School
704	3050	Morgan County	Morgan County Primary School
704	0191	Morgan County	Morgan County Elementary School
708	1050	Oconee County	Oconee County Elementary School
708	0193	Oconee County	Oconee County Middle School
708	0188	Oconee County	Oconee County Primary School
713	0112	Pierce County	Midway Elementary School
713	4050	Pierce County	Patterson Elementary School
717	0112	Putnam County	Putnam County Primary School
722	0178	Rockdale County	Barksdale Elementary School
722	0197	Rockdale County	Lorraine Elementary School
723	0198	Schley County	Schley County Elementary School
739	0104	Towns County	Towns County Middle School
791	0101	Trion City	Trion Elementary School
741	5050	Troup County	Rosemont Elementary School
744	0103	Union County	Union County Elementary School
744	0108	Union County	Union County Middle School
744	1050	Union County	Union County Primary School
746	0106	Walker County	Chattanooga Valley Middle School
748	0296	Ware County	Center Elementary School
748	3052	Ware County	Waresboro Elementary School
748	0196	Ware County	Williams Heights Elementary School
754	0104	White County	Mount Yonah Elementary School

Georgia Department of Education
FY16 Reward Schools - High Progress
(Based on 2013-2014 data)

SYSTEM ID	SCHOOL ID	SYSTEM NAME	SCHOOL NAME
601	0195	Appling County	Appling County Middle School
602	0190	Atkinson County	Pearson Elementary School
602	0187	Atkinson County	Willacoochee Elementary School
761	0123	Atlanta Public Schools	Kindezi
761	0605	Atlanta Public Schools	KIPP West Atlanta Young Scholars Academy
606	0107	Banks County	Banks County Elementary School
607	4050	Barrow County	Holsenbeck Elementary School
607	0298	Barrow County	Yargo Elementary School
607	5050	Barrow County	Statham Elementary School
607	0289	Barrow County	Russell Middle School
608	0175	Bartow County	White Elementary School
608	0296	Bartow County	Kingston Elementary School
613	0110	Brantley County	Atkinson Elementary School
614	0393	Brooks County	North Brooks Elementary School
615	0286	Bryan County	Bryan County Elementary School
616	4052	Bulloch County	Portal Middle/High School
765	0405	Calhoun City	Calhoun Elementary School
620	0193	Camden County	Kingsland Elementary School
620	0105	Camden County	Saint Marys Middle School
620	0100	Camden County	Mamie Lou Gross Elementary School
622	1054	Carroll County	Temple Elementary School
622	5050	Carroll County	Central Elementary School
622	0477	Carroll County	Whitesburg Elementary School
622	5052	Carroll County	Sand Hill Elementary School
623	5052	Catoosa County	Ringgold Middle School
623	0105	Catoosa County	Woodstation Elementary School
623	2552	Catoosa County	Lakeview Middle School
623	5050	Catoosa County	Graysville Elementary School
623	0103	Catoosa County	Battlefield Elementary School
625	3064	Chatham County	Pooler Elementary School
628	0287	Cherokee County	Teasley Middle School
631	0114	Clayton County	Elite Scholars Academy School
631	1050	Clayton County	Anderson Elementary School
631	0175	Clayton County	Brown Elementary School
631	2058	Clayton County	Morrow Elementary School
632	0201	Clinch County	Clinch County Middle School
633	0190	Cobb County	Dowell Elementary School
633	0475	Cobb County	Tapp Middle School
633	2560	Cobb County	Griffin Middle School
633	0502	Cobb County	Cooper Middle School
634	0191	Coffee County	Broxton-Mary Hayes Elementary

Georgia Department of Education
FY16 Reward Schools - High Progress
(Based on 2013-2014 data)

SYSTEM ID	SCHOOL ID	SYSTEM NAME	SCHOOL NAME
636	0283	Columbia County	Harlem Middle School
783	0310	Commission Charter Schools-Fu	Fulton Leadership Academy
638	2050	Coweta County	Atkinson Elementary School
638	0289	Coweta County	East Coweta Middle School
638	0301	Coweta County	Smokey Road Middle School
638	3052	Coweta County	Elm Street Elementary School
641	0275	Dade County	Davis Elementary School
643	3052	Decatur County	John Johnson Elementary School
643	0105	Decatur County	West Bainbridge Elementary School
643	0191	Decatur County	Potter Street Elementary School
644	0399	DeKalb County	Robert Shaw Theme School
644	0507	DeKalb County	The Champion Middle Theme School
644	0197	DeKalb County	Marbut Elementary School
645	0291	Dodge County	North Dodge Elementary School
647	5056	Dougherty County	International Studies Elementary Charter School
648	0198	Douglas County	Bright Star Elementary School
650	1050	Echols County	Echols County High/Elementary School
651	0290	Effingham County	Effingham County Middle School
651	0190	Effingham County	Guyton Elementary School
653	0100	Emanuel County	Twin City Elementary School
654	3050	Evans County	Claxton Middle School
655	1050	Fannin County	Blue Ridge Elementary School
656	0181	Fayette County	North Fayette Elementary School
657	3050	Floyd County	Cave Spring Elementary School
658	0204	Forsyth County	Chestatee Elementary
659	5050	Franklin County	Lavonia Elementary School
661	0112	Gilmer County	Gilmer Middle school
663	0178	Glynn County	Glyndale Elementary School
664	0110	Gordon County	Sonoraville Elementary
664	0176	Gordon County	Tolbert Elementary School
664	1050	Gordon County	Belwood Elementary School
664	0190	Gordon County	Red Bud Elementary School
664	2050	Gordon County	Fairmount Elementary School
667	0398	Gwinnett County	Partee Elementary School
667	0505	Gwinnett County	Sycamore Elementary School
667	1005	Gwinnett County	Alcova Elementary School
667	0205	Gwinnett County	Corley Elementary School
667	0282	Gwinnett County	Annistown Elementary School
667	2050	Gwinnett County	Bethesda Elementary School
667	0210	Gwinnett County	Lovin Elementary School
667	0291	Gwinnett County	Shiloh Elementary School

Georgia Department of Education
FY16 Reward Schools - High Progress
(Based on 2013-2014 data)

SYSTEM ID	SCHOOL ID	SYSTEM NAME	SCHOOL NAME
667	0394	Gwinnett County	Simonton Elementary School
667	0287	Gwinnett County	Norton Elementary School
668	0201	Habersham County	Demorest Elementary School
668	0105	Habersham County	Level Grove Elementary School
668	0101	Habersham County	Cornelia Elementary School
669	0289	Hall County	East Hall Middle School
669	0103	Hall County	Sugar Hill Elementary
669	3056	Hall County	Riverbend Elementary School
671	0178	Haralson County	Buchanan Elementary School
673	0191	Hart County	Hart County Middle School
673	5050	Hart County	Hartwell Elementary School
674	2050	Heard County	Ephesus Elementary School
674	0102	Heard County	Heard County Middle School
674	0106	Heard County	Heard Elementary School
675	0194	Henry County	Wesley Lakes Elementary School
675	0297	Henry County	Hickory Flat Elementary School
675	0200	Henry County	Mount Carmel Elementary School
675	0211	Henry County	Rocky Creek Elementary
675	0197	Henry County	Pleasant Grove Elementary School
675	2552	Henry County	Smith-Barnes Elementary School
676	3052	Houston County	Parkwood Elementary School
676	2054	Houston County	Morningside Elementary School
676	0191	Houston County	Northside Elementary School
676	0200	Houston County	Perry Middle School
678	4050	Jackson County	South Jackson Elementary School
678	3050	Jackson County	North Jackson Elementary School
680	0111	Jeff Davis County	Jeff Davis Middle School
684	0106	Jones County	Gray Station Middle School
684	1550	Jones County	Gray Elementary School
684	0199	Jones County	Dames Ferry Elementary School
684	0101	Jones County	Clifton Ridge Middle School
689	0189	Liberty County	Joseph Martin Elementary School
689	0180	Liberty County	Button Gwinnett Elementary School
692	1050	Lowndes County	Clyattville Elementary School
693	2050	Lumpkin County	Lumpkin County Elementary School
693	0103	Lumpkin County	Blackburn Elementary School
695	0195	Madison County	Danielsville Elementary School
697	0191	McDuffie County	Dearing Elementary School
700	0310	Miller County	Miller County Middle School
701	0197	Mitchell County	Mitchell County Middle School
705	0198	Murray County	Eton Elementary School

Georgia Department of Education
FY16 Reward Schools - High Progress
(Based on 2013-2014 data)

SYSTEM ID	SCHOOL ID	SYSTEM NAME	SCHOOL NAME
705	0104	Murray County	Woodlawn Elementary School
705	1050	Murray County	Chatsworth Elementary School
706	0112	Muscogee County	Early College Academy of Columbus at Waverly Terrace
707	1050	Newton County	East Newton Elementary School
707	0102	Newton County	Oak Hill Elementary School
707	4050	Newton County	Mansfield Elementary School
783	0210	Pataula Charter Academy	Pataula Charter Academy
710	0103	Paulding County	Bessie L. Baggett Elementary
710	5050	Paulding County	Hiram Elementary School
712	0189	Pickens County	Pickens County Middle School
712	0403	Pickens County	Jasper Middle School
713	0197	Pierce County	Pierce County Middle School
717	0113	Putnam County	Putnam County Elementary School
717	0111	Putnam County	Putnam County Middle School
722	0110	Rockdale County	Hicks Elementary School
722	2050	Rockdale County	Flat Shoals Elementary School
726	0192	Spalding County	Cowan Road Elementary School
726	0103	Spalding County	Moreland Road Elementary
728	0101	Stewart County	Stewart County Middle School
732	0201	Tattnall County	Glennville Middle School
732	0401	Tattnall County	Collins Middle School
735	0105	Terrell County	Terrell High School
745	0295	Thomaston-Upson County	Upson-Lee North Elementary School
741	0194	Troup County	Hollis Hand Elementary School
746	5052	Walker County	Stone Creek Elementary School
746	0195	Walker County	Gilbert Elementary School
746	0180	Walker County	LaFayette Middle School
746	0100	Walker County	Rock Spring Elementary School
747	0101	Walton County	Atha Road Elementary School
747	2052	Walton County	Walker Park Elementary School
748	0396	Ware County	Ruskin Elementary School
748	3050	Ware County	Memorial Drive Elementary School
748	0395	Ware County	Ware County Middle School
748	5050	Ware County	Wacona Elementary School
751	3050	Wayne County	Odum Elementary School
752	0108	Webster County	Webster County High School
754	0100	White County	White Co. Intermediate
754	0109	White County	Mossy Creek Elementary School
755	0199	Whitfield County	New Hope Elementary School

FY15 Equipment Grant - Selection Rubric

Awarded Systems - Pages 1-2

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total
These Schools are the remaining #1 Priority request that were not funded by FY2014 Equipment Grant. They will have prority over the #2 Priority Request								
Vidalia City	0273-Vidalia Comprehensive High	1	-1.51	57.47%	Combi Oven	18,000.00	$ 18,000.00	$ 18,000.00
Social Circle City	0200-Social Circle Elementary School	1	-0.25	55.91%	Serving Line	40,000.00	$ 33,990.00	$ 51,990.00
GEORGIA SCHOOL FOR THE DEAF	9062-Georgia School for The Deaf	1	0.00	60.19%	Serving Line	35,000.00	$ 35,000.00	$ 86,990.00
Peach County	2052-Peach County High School	1	0.19	61.76%	Serving Line	33,000.00	$ 33,000.00	$ 119,990.00
Catoosa County	0100-Ringgold Primary School	1	0.27	51.59%	Serving Line	30,000.00	$ 30,000.00	$ 149,990.00
White County	0100-White Co. Intermediate School	1	0.56	60.89%	Combi Oven	20,000.00	$ 20,000.00	$ 169,990.00
Lincoln County	0110-Lincoln County High School	1	0.74	55.62%	Pass-thru Refrigerator	9,000.00	$ 9,000.00	$ 178,990.00
Dade County	0195-Dade County High School	1	0.76	51.85%	Dish Machine	28,000.00	$ 28,000.00	$ 206,990.00
Charlton County	0287-Charlton County High School	1	0.77	58.04%	Convection Oven	12,000.00	$ 12,000.00	$ 218,990.00
Mohommed Schools of ATL	9011-Mohammed Schools of Atlanta	1	0.92	59.35%	Food prep, Shelving and Milk Cooler	3,000.00	$ 3,000.00	$ 221,990.00
Hall County	0189-West Hall High School	1	1.03	61.07%	Serving Line	15,000.00	$ 15,000.00	$ 236,990.00
Banks County	0199-Banks County High School	1	1.13	59.86%	Convection Oven	7,000.00	$ 7,000.00	$ 243,990.00
Fayette County	0181-North Fayette Elementary School	1	1.24	59.76%	Combi Oven	11,000.00	$ 11,000.00	$ 254,990.00
KIP ACADEMY INC	0001-KIP Academy, Inc.	1	1.25	58.62%	Commercial range stove	1,500.00	$ 1,500.00	$ 256,490.00
Morgan County	0191-Morgan County Elementary School	1	1.27	51.57%	Dish Machine	38,500.00	$ 38,500.00	$ 294,990.00
Walton County	0205-Monroe Area High School	1	1.32	60.87%	Combi Oven	17,000.00	$ 17,000.00	$ 311,990.00
Calhoun County	0179-Calhoun County Elementary School	1	1.35	60.52%	Serving Line	25,000.00	$ 25,000.00	$ 336,990.00
Thomas County	0191-Thomas County Central High School	1	1.50	53.53%	Milk Cooler	3,000.00	$ 3,000.00	$ 339,990.00
Pierce County	0197-Pierce County Middle School	1	1.51	60.00%	Combi Oven	20,000.00	$ 20,000.00	$ 359,990.00
Brantley County	2050-Hoboken Elementary School	1	1.51	59.46%	Combi Oven	23,000.00	$ 23,000.00	$ 382,990.00
Bleckley County	0197-Bleckley County Elementary School	1	1.56	61.24%	Combi Oven	24,000.00	$ 24,000.00	$ 406,990.00
Barrow County	0106-Haymon-Morris Middle School	1	1.61	58.26%	Steamer	13,500.00	$ 13,500.00	$ 420,490.00
Habersham County	0189-Clarkesville Elementary School	1	1.68	51.93%	Dish Machine	40,000.00	$ 40,000.00	$ 460,490.00
Based on the approved application selection criteria by USDA, the priority 2 request are ranked by the least month's of Cash resources.								
Harris County	0188-Park Elementary School	2	-1.96	64.48%	Steamer with Kettle	$ 32,600.00	$ 32,000.00	$ 492,490.00
Randolph County	2050-Randolph County Elementary School	2	-1.25	91.43%	Convection Oven	$ 10,000.00	$ 10,000.00	$ 502,490.00
Miller County	0210-Miller County High School	2	-0.47	90.04%	Milk Box (3)	$ 15,900.00	$ 5,000.00	$ 507,490.00
Social Circle City	0100-Social Circle Primary School	2	-0.25	52.18%	Serving Line	$ 40,000.00	$ 33,990.00	$ 541,480.00
Thomasville City	4052-Thomasville High School	2	-0.17	91.33%	3 Door Freezer	$ 5,800.00	$ 5,800.00	$ 547,280.00
Pataula School	0210-Pataula Charter Academy	2	-0.06	58.56%	Rational Combi Oven	$ 20,000.00	$ 20,000.00	$ 567,280.00

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total
Atl. Area School For The Deaf	9060-ATL Area School Ffor the Deaf	2	0.00	75.00%	Pass-Thru Refrigerator	15,000.00	$ 15,000.00	$ 582,280.00
Dubois Integrity Academy	0617 - Dubois Integrity Academy I	2	0.01	57.00%	Ice Machine	$ 5,000.00	$ 5,000.00	$ 587,280.00
Crisp County	2052-Crisp County Elementary School	2	0.01	97.98%	Combi Oven	$ 18,500.00	$ 18,500.00	$ 605,780.00
Toombs County	0104-Lyons Primary School	2	0.08	100.00%	Milk Cooler	$ 5,000.00	$ 5,000.00	$ 610,780.00
Lumpkin County	0191-Long Branch Elementary School	2	0.09	59.79%	Combi Oven	$ 36,000.00	$ 36,000.00	$ 646,780.00
Muscogee County	1064-Kendrick High School	2	0.14	100.00%	Combi Oven	$ 20,000.00	$ 20,000.00	$ 666,780.00
Worth County	0193-Worth County Middle School	2	0.17	92.84%	Combi Oven	$ 32,000.00	$ 32,000.00	$ 698,780.00
Fannin County	1050-Blue Ridge Elementary School	2	0.23	63.54%	Serving Line	$ 10,000.00	$ 10,000.00	$ 708,780.00
Catoosa County	0185-Tiger Creek Elementary School	2	0.27	67.13%	Combi Oven	$ 25,000.00	$ 25,000.00	$ 733,780.00
Appling County	0195-Appling County Middle School	2	0.31	66.11%	Double Stack Oven	$ 25,000.00	$ 25,000.00	$ 758,780.00
Rabun County	0105-Rabun County Elementary School	2	0.32	57.79%	Blast Chiller	$ 13,710.00	$ 13,710.00	$ 772,490.00
Carroll County	0208-Mt Zion Middle school	2	0.37	69.68%	Walk-In Freezer -Replacement	$ 25,000.00	$ 25,000.00	$ 797,490.00
Meriwether County	0200-Mountain View Elementary	2	0.49	91.96%	Hydrovection Oven	$ 9,599.00	$ 9,599.00	$ 807,089.00
Floyd County	0107-Pepperell High School	2	0.57	53.39%	Electric Slicer	$ 5,000.00	$ 5,000.00	$ 812,089.00
Colquitt County	3050-Stringfellow Elementary School	2	0.69	95.02%	Slicer	$ 6,000.00	$ 6,000.00	$ 818,089.00
Columbia County	0190-Brookwood Elementary School	2	0.70	53.93%	Double Convection Oven	$ 15,000.00	$ 15,000.00	$ 833,089.00
Lowndes County	1050-Clyattville Elementary School	2	0.74	81.33%	Combi Oven	$ 28,000.00	$ 28,000.00	$ 861,089.00
Thomaston-Upson County	0105-Upson-Lee South Elementary	2	0.83	99.06%	Hydrovection Oven	$ 21,400.00	$ 21,400.00	$ 882,489.00
DeKalb County	0290-Sequoyah Middle School	2	0.86	99.15%	Combi Oven	$ 16,000.00	$ 16,000.00	$ 898,489.00
Warren County	0205-Warren County High School	2	0.87	100.00%	Combi Oven	$ 23,000.00	$ 23,000.00	$ 921,489.00
Sumter County	0205-Americus Sumter County High North	2	0.90	99.43%	Manual Heat Seal Lidding Machine	$ 5,220.00	$ 5,220.00	$ 926,709.00
Crawford County	6195-Eagle's Nest	2	0.91	51.00%	Combi Oven	$ 28,000.00	$ 28,000.00	$ 954,709.00
Jasper County	0100-Washington Park Elementary School	2	1.16	72.39%	Tilting Braising Pan/ Skillet 30 gallon	$ 14,000.00	$ 14,000.00	$ 968,709.00
Terrell County	0105-Terrell High School	2	1.17	83.74%	Milk Cooler	$ 10,000.00	$ 5,000.00	$ 973,709.00
Chatham County	6012-Building Bridges Academy	2	1.19	51.00%	Combi Oven	$ 28,000.00	$ 28,000.00	$ 1,001,709.00
Morgan County	3050-Morgan County Primary School	2	1.27	57.18%	Double Stack Convection Oven	$ 7,200.00	$ 7,200.00	$ 1,008,909.00
Candler County	0101-Metter High School	2	1.28	62.90%	Walk-In Cooler	$ 40,000.00	$ 40,000.00	$ 1,048,909.00
Butts County	0104-Hampton L. Daughtry Elementary	2	1.31	77.39%	Pass-Thru Hot Food Cabinet 2 Section	$ 6,110.00	$ 6,110.00	$ 1,055,019.00
Polk County	0183-Cherokee Elementary School	2	1.36	83.08%	66 in Dishwasher	$ 26,500.00	$ 26,500.00	$ 1,081,519.00
Brantley County	0110-Atkinson Elementary School	2	1.51	87.95%	Hot Holding Cabinet	$ 5,500.00	$ 5,500.00	$ 1,087,019.00

Systems below will be funded if money is not spent by awarded systems.

Ware County	0396-Ruskin Elementary School	2	1.52	90.04%	Combi Oven	$ 30,000.00	$ 30,000.00
Trion City	0101-Trion Elementary School	2	1.58	52.50%	Milk Box (2)	$ 5,000.00	$ 5,000.00

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total
Jackson County	0197-East Jackson Middle School	2	1.71	68.26%	Conveyor Dishwasher	$ 24,149.00	$ 24,149.00	
Long County	0114-Long County Middle School	2	1.89	75.58%	Hot Pass-Thru	$ 6,000.00	$ 6,000.00	
Habersham County	0296-South Habersham Middle School	2	1.90	69.61%	Double Stack Convection Oven	$ 14,000.00	$ 14,000.00	
Haralson County	3050-Haralson County High School	2	1.99	52.46%	Tilt Skillet	$ 18,000.00	$ 15,000.00	
Cherokee County	2054-Oak Grove Elementary School	2	2.00	59.87%	PassTthru Hot Unit 2 door	$ 11,000.00	$ 11,000.00	
Mitchell County	0197-Mitchell County Middle School	2	2.10	97.97%	Double Stack Oven	$ 20,000.00	$ 20,000.00	
Rockdale County	2050-Flat Shoals Elementary School	2	2.17	74.05%	Vertical Cutter Mixer	$ 12,000.00	$ 12,000.00	
Marietta City	0194-Dunleith Elementary School	2	2.21	79.23%	Steamer	$ 11,000.00	$ 11,000.00	
Wayne County	0101-Wayne County High School	2	2.21	57.60%	Combi Oven	$ 23,000.00	$ 23,000.00	
Dublin City	0211-Dublin High School	2	2.22	100.00%	Tilting Braising Pan/ Skillet 30 gallon	$ 14,000.00	$ 14,000.00	
Fayette County	0291-Robert J. Burch Elementary School	2	2.24	57.65%	Double Stack Steamer	$ 20,000.00	$ 15,000.00	
Jefferson County	0196-Jefferson County High School	2	2.25	100.00%	Pass-Thru Cooler/Warmer	$ 18,000.00	$ 8,000.00	
Clayton County	0377-Riverdale High School	2	2.26	95.47%	Serving Line	$ 63,000.00	$ 33,990.00	
Dade County	0101-Dade Elementary School	2	2.28	60.31%	Grab and Go Breakfast Kiosk	$ 5,500.00	$ 5,500.00	
Early County	2050-Early County High School	2	2.38	96.25%	40 Gallon Gas Tilt Braising Pan/Skillet	$ 15,000.00	$ 14,000.00	
Gilmer County	0107-Clear Creek Middle School	2	2.42	66.67%	Blast Chiller	$ 16,000.00	$ 14,000.00	
Wilkes County	0110-Washington-Wilkes High School	2	2.46	96.00%	Two Compartment Steamer	$ 13,500.00	$ 13,500.00	
Murray County	0108-Mountain Creek Academy School	2	2.47	100.00%	Dishwasher	$ 20,000.00	$ 20,000.00	
Evans County	0196-Claxton Elementary School	2	2.56	97.93%	Combi Oven	$ 16,000.00	$ 16,000.00	
Troup County	0189-Long Cane Elementary School	2	2.58	55.63%	Serving Line	$ 29,000.00	$ 29,000.00	
Barrow County	0205-Bethlehem Elementary School	2	2.61	60.24%	Hydrovection Oven	$ 22,000.00	$ 22,000.00	
Lanier County	0201-Lanier County High School	2	2.65	95.76%	Dish Machine	$ 25,000.00	$ 25,000.00	
Putnam County	0113-Putnam County Elementary School	2	2.73	79.47%	Combi Oven	$ 28,000.00	$ 28,000.00	
Liberty County	0192-Liberty County High School	2	2.85	60.58%	Dish Machine	$ 60,000.00	$ 40,000.00	
Schley County	0198-Schley County Elementary School	2	2.89	59.34%	Pass-Thru Refrigerator	$ 8,000.00	$ 8,000.00	
Hart County	0202-South Hart Elementary	2	3.07	71.84%	Serving Line	$ 40,000.00	$ 33,990.00	
Richmond County	2574-Westside High School	2	3.07	96.74%	Double Stack Combination Oven	$ 33,000.00	$ 32,000.00	
Dalton City	0173-Westwood Elementary School	2	3.11	52.46%	Serving line	$ 20,000.00	$ 20,000.00	
Union County	0103-Union County Elementary School	2	3.11	64.77%	Pass-Thru Hot Unit 2 door	$ 10,000.00	$ 10,000.00	
Pickens County	0198-Pickens High School	2	3.24	48.40%	Combi Oven	$ 28,000.00	$ 28,000.00	
Gwinnett County	1056-Lilburn Middle School	2	3.29	90.45%	Walk-In Freezer Cooler-Replacement	$ 40,000.00	$ 40,000.00	
Houston County	2054-Morningside Elementary School	2	3.32	79.63%	Electric Steamer	$ 15,000.00	$ 15,000.00	

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total
Decatur County	2050-Bainbridge Middle School	2	3.62	100.00%	Serving Line	$ 33,000.00	$ 33,000.00	
Lamar County	0175-Lamar County High School	2	3.65	63.25%	Pass-Thru Hot Food Cabinet 2 section	$ 6,200.00	$ 6,200.00	
Walker County	2056-Naomi Elementary School	2	3.75	82.21%	Dishwasher	$ 40,000.00	$ 40,000.00	
Coffee County	0100-Indian Creek Elementary	2	3.76	89.72%	Steamed Jacketed Kettle	$ 5,000.00	$ 5,000.00	
Pelham City	3050-Pelham Elementary School	2	4.17	92.73%	Vertical Cutter/Mixer- VCM	$ 7,127.00	$ 7,127.00	
Hall County	4054-Lula Elementary School	2	4.46	62.58%	Combi Double Stack Oven/Steamer	$ 27,550.00	$ 27,550.00	
Whitfield County	2050-Cohutta Elementary School	2	4.70	62.87%	Pass-Thru Cabinet Refrigerated, 1 Door	$ 6,000.00	$ 6,000.00	
Taylor County	0105-Taylor County Upper Elementary	2	4.90	90.59%	Combi Oven	$ 38,000.00	$ 35,000.00	
Bibb County	0205-Howard Middle School	2	8.14	98.48%	Combi Oven	$ 38,000.00	$ 35,000.00	

Lower priority requests	Lower Priority Request					
11279-A FRIEND'S HOUSE	0001-A Friend's House	3			Double-door Reach in Freezer	3,600.00
456-IVY PREPARATORY ACADEMY SCHOOL	0003-Ivy Prep at Kirkwood for Girls	3			Garland 42" Electric Grill, Model ED-42	3,550.00
606-Banks County	0199-Banks County High School	3			Vulcan or Hobart Holding Proofing Cabinet/Warmer	1,700.00
607-Barrow County	0106-Haymon-Morris Middle School	3			Serving Line	21,000.00
607-Barrow County	3052-Winder-Barrow High School	3			Steamer	13,500.00
612-Bleckley County	0197-Bleckley County Elementary School	3			Mobile Serving Cart with Umbrella	3,000.00
613-Brantley County	0101-Waynesville Primary School	3			VCM	15,000.00
618-Butts County	0111-Jackson Elementary School	3			Pass-Thru Cold Holding Unit	5,494.00
621-Candler County	0101-Metter High School	3			Tilt skillet	10,204.00
622-Carroll County	0198-Bay Springs Middle School	3			Hydro-Vection Oven	12,000.00
623-Catoosa County	1052-Lakeview-Fort Oglethorpe High School	3			Walk-In Freezer	40,000.00
625-Chatham County	5070-Windsor Forest High School	3			Combi Oven	32,625.00
635-Colquitt County	3050-Stringfellow Elementary School	3			Milk Cooler	3,000.00
636-Columbia County	0197-Greenbrier High School	3			Tilting Skillet	16,000.00
639-Crawford County	0193-Crawford County High School	3			Steamer	34,000.00
640-Crisp County	0115-Crisp County Primary School	3			Combi Oven	18,500.00
640-Crisp County	5050-Crisp County Pre-K	3			Combi Oven	18,500.00
641-Dade County	0295-Dade Middle School	3			Grab and Go Breakfast Kiosk	5,500.00
654-Evans County	0196-Claxton Elementary School	3			Tilt Skillet 40 Gallon	14,000.00
655-Fannin County	1050-Blue Ridge Elementary School	3			Serving Line Hot Food Table	8,000.00
657-Floyd County	0199-Pepperell Elementary	3			Electric Slicer	4,320.00
661-Gilmer County	0112-Gilmer Middle school	3			Blast Chiller	16,000.00
665-Grady County	2050-Southside Elementary School	3			Proofer/Heating Cabinet	3,000.00

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total
667-Gwinnett County	0495-Kanoheda Elementary School	3			Convection Ovens - 2 sets	15,846.00		
668-Habersham County	0196-North Habersham Middle School	3			Double Stack Cconvection Oven	14,000.00		
669-Hall County	3054-Lanier Elementary School	3			Combi Double Stack Oven/Steamer	27,550.00		
676-Houston County	5056-Warner Robins Middle School	3			Convection oven	7,000.00		
678-Jackson County	3050-North Jackson Elementary School	3			Conveyor Dishwasher	24,149.00		
679-Jasper County	0201-Jasper County Middle School	3			Serving lines	33,000.00		
685-Lamar County	0175-Lamar County Comprehensive High School	3			Double Stack Oven	47,645.00		
689-Liberty County	0180-Button Gwinnett Elementary School	3			Combi Oven	20,000.00		
691-Long County	0114-Long County Middle School	3			Cold Pass-Thru Unit	7,000.00		
704-Morgan County	0191-Morgan County Elementary School	3			Dish Machine	38,500.00		
704-Morgan County	3050-Morgan County Primary School	3			Double Stack Convection Oven	7,200.00		
706-Muscogee County	2066-Richards Middle School	3			Combi Oven	20,000.00		
715-Polk County	0103-Cedartown Middle School	3			Combi Oven	15,000.00		
720-Randolph County	0101-Randolph Clay Middle School	3			Holding Cabinet	3,500.00		
720-Randolph County	0201-Randolph Clay High School	3			Holding Cabinet	3,500.00		
721-Richmond County	3054-Glenn Hills High School	3			Combination Oven	33,000.00		
722-Rockdale County	2052-Pine Street Elementary School	3			Tilt Skillet	12,000.00		
722-Rockdale County	2052-Pine Street Elementary School	3			Tilt Skillet	12,000.00		
728-Stewart County	0101-Stewart County Middle School	3			Milk Cooler	3,000.00		
729-Sumter County	0105-Americus Sumter County High South	3			Double Stack Combi	28,500.00		
730-Talbot County	0190-Central Elementary/High School	3			Tilting Skillet	15,000.00		
730-Talbot County	0190-Central Elementary/High School	3			Tilting Skillet	15,000.00		
737-Tift County	0199-Tift County High School	3			Lang Roll in Combi full size	30,000.00		
741-Troup County	0187-West Point Elementary School	3			Reach in Refrigerator	3,500.00		
741-Troup County	0201-Callaway High School	3			Conveyor Oven	5,100.00		
741-Troup County	0387-Troup County High School	3			Conveyor Oven	5,100.00		
746-Walker County	2056-Naomi Elementary School	3			Dishwasher	46,524.00		
747-Walton County	0101-Atha Road Elementary School	3			Combi Oven	24,000.00		
754-White County	0105-White County High School	3			Combi Oven	20,000.00		
754-White County	0200-Jack P Nix Primary	3			Combi Oven	20,000.00		
755-Whitfield County	2054-Westside Elementary School	3			Pass-Thru Cabinet Refrigerated, One Door	6,000.00		
759-Worth County	0176-Worth County High School	3			Combination Oven	30,000.00		
772-Dalton City	0201-Dalton Middle School	3			Steamer	30,000.00		
774-Dublin City	0212-Saxon Heights	3			Reach in Freezer	8,000.00		
781-Marietta City	0294-Lockheed Elementary School	3			Stream Jacketed Kettle	9,000.00		

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total
7820121-State Charter Schools - Utopian Academy for the Arts Charter School	0121-Utopian Academy for the Arts Charter School	3			Upright Warmer	1,200.00		
7830210-Commission Charter Schools - Pataula School	0210-Pataula Charter Academy	3			Walk in Freezer	15,000.00		
7830310-Commission Charter Schools - Fulton Leadership Academy	0310-Fulton Leadership Academy	3			Two Door Reach-In Freezer	3,400.00		
786-Social Circle City	0100-Social Circle Primary School	3			Milk Box	4,000.00		
786-Social Circle City	0200-Social Circle Elementary School	3			Ice Machine	1,000.00		
789-Thomasville City	4050-Harper Elementary School	3			Serving Line Hotwell Addition	4,000.00		
793-Vidalia City	0173-J. R. Trippe Middle School	3			Milk Cooler	4,500.00		
934-IMAGINE INT'L ACAD OF SMYRNA	9008-Imagine International Academy of Smyrna	3			Pass-Thru Warmer	5,000.00		
964-GEORGIA SCHOOL FOR THE DEAF	9062-Georgia School for The Deaf	3			Reach-In Heated Cabinet	15,000.00		
966-Atl. Area School For The Deaf	9060-ATLANTA AREA SCHOOL FOR THE DEAF	3			Proofer Holding Cabinet	15,000.00		
11194-KIP ACADEMY INC	0001-KIP Academy, Inc.	4			Steamer	3,000.00		
11279-A FRIEND'S HOUSE	0001-A Friend's House	4			Commercial Under Counter Dishwasher	4,000.00		
436- MOHAMMED SCHOOLS OF ATLANTA LTD	9011-Mohammed Schools of Atlanta LTD	4			Food Prep, Shelving and Milk Cooler	3,000.00		
456-IVY PREPARATORY ACADEMY SCHOOL	0002-Ivy Prep at Kirkwood for Boys	4			Bakers Pride Double Stack Convection Oven BCO-E2	5,400.00		
456-IVY PREPARATORY ACADEMY SCHOOL	0003-Ivy Prep at Kirkwood for Girls	4			Bakers Pride Double Stack Convection Oven BCO-E2	5,400.00		
456-IVY PREPARATORY ACADEMY SCHOOL	0003-Ivy Prep at Kirkwood for Girls	4			Refrigerated Buffett/Salad Server Turbo AIR JTB 72	2,941.00		
606-Banks County	0199-Banks County High School	4			Hobart VCM - HCM 450	13,000.00		
607-Barrow County	0198-Westside Middle School	4			Hydrovection Steamer	22,000.00		
618-Butts County	0100-Henderson Middle School	4			Pass-Thru Cold Holding Unit	5,494.00		
621-Candler County	0101-Metter High School	4			Steam Skillet	12,000.00		
622-Carroll County	0102-Temple Middle School	4			Pass-Thru Coolers (2)	7,000.00		
623-Catoosa County	3050-Cloud Springs Elementary School	4			Steamer	20,000.00		
625-Chatham County	1070-White Bluff Elementary School	4			Combi Oven	32,625.00		
639-Crawford County	6195-Eagle's Nest	4			Tilting Skillet	13,000.00		
641-Dade County	0295-Dade Middle School	4			Air Screen Display Case	5,500.00		

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total
655-Fannin County	1050-Blue Ridge Elementary School	4			Blue Ridge Elementary, Refrigerated, Pass-Thru Cabinet, Single	6,000.00		
657-Floyd County	0273-Pepperell Middle School	4			Electric Slicer	4,320.00		
665-Grady County	0185-Eastside Elementary School	4			Electric Tilting Skillet	10,000.00		
667-Gwinnett County	0184-Berkeley Lake Elementary School	4			Convection Ovens- 2 sets	15,846.00		
668-Habersham County	5052-Hazel Grove Elementary School	4			Serving Line	30,000.00		
669-Hall County	2056-Oakwood Elementary School	4			Double Stack Steamer	12,000.00		
678-Jackson County	3050-North Jackson Elementary School	4			Combi Oven	13,708.00		
679-Jasper County	0195-Jasper County Primary School	4			Pass-Thru Refrigerator	7,558.00		
689-Liberty County	0192-Liberty County High School	4			Walk-In Cooler	50,000.00		
691-Long County	0100-Smiley Elementary School	4			Blast Chiller	25,000.00		
691-Long County	0114-Long County Middle School	4			Hot Pass-Thru	6,000.00		
706-Muscogee County	4058-Lonnie Jackson Academy	4			Tilt Skillet	15,000.00		
722-Rockdale County	2050-Flat Shoals Elementary School	4			Tilt Skillet	12,000.00		
729-Sumter County	0595-Staley Middle School	4			Manual Heal Seal Lidding Machine	5,220.00		
737-Tift County	0199-Tift County High School	4			Steamer	15,000.00		
741-Troup County	0194-Hollis Hand Elementary School	4			Serving Line	29,000.00		
746-Walker County	2056-Naomi Elementary School	4			Tilt Skillet	12,123.00		
751-Wayne County	0194-Martha Puckett Middle School	4			Combi Oven	23,000.00		
751-Wayne County	0194-Martha Puckett Middle School	4			Combi oven	23,000.00		
754-White County	0104-Mount Yonah Elementary School	4			CombiOven	20,000.00		
772-Dalton City	1052-Roan Elementary School	4			Reach Thru Double Door Warmer	10,000.00		
774-Dublin City	0212-Saxon Heights	4			Hot Pass-Thru	5,000.00		
781-Marietta City	2052-Park Street Elementary School	4			Pass-Thru Heated Cabinet	5,600.00		
7830310-Commission Charter Schools - Fulton Leadership Academy	0310-Fulton Leadership Academy	4			Stand Mixer	600.00		
786-Social Circle City	0100-Social Circle Primary School	4			Walk-In Freezer	26,000.00		
789-Thomasville City	5050-Jerger Elementary School	4			Pass-Thru Single Door Refrigerator	4,500.00		
793-Vidalia City	0173-J. R. Trippe Middle School	4			Warmer	5,500.00		
934-IMAGINE INT'L ACAD OF SMYRNA	9008-Imagine International Academy of Smyrna	4			Pass-Thru Warmer	5,000.00		
11194-KIP ACADEMY INC	0001-KIP Academy, Inc.	5			Pass-Thru+A26+G2280:A272 Refrigerator	1,000.00		
456-IVY PREPARATORY ACADEMY SCHOOL	0001-Ivy Prepartory Academy	5			Refrigerated Buffet/Salad Bar Turbo Air JTB 72 with Sneeze Guard	3,345.00		

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total
456-IVY PREPARATORY ACADEMY SCHOOL	0003-Ivy Prep at Kirkwood for Girls	5			Beverage Air 60" Worktop Refrigerator WTR 60A	2,200.00		
607-Barrow County	0101-Apalachee High School	5			Hydrovection Ovens	22,000.00		
613-Brantley County	0194-Brantley County Middle School	5			Combi Oven	19,000.00		
618-Butts County	0100-Henderson Middle School	5			Pass-Thru Hot Food Cabinet 2 Section	6,105.00		
621-Candler County	0101-Metter High School	5			Hot Food serving line	13,000.00		
622-Carroll County	0176-Mount Zion Elementary School	5			60 Qt. Mixer	12,000.00		
639-Crawford County	6195-Eagle's Nest	5			Walk-In freezer	35,000.00		
641-Dade County	0195-Dade County High School	5			Combination Convection Steamer Oven	25,000.00		
655-Fannin County	0176-Fannin County High School	5			Fannin County High School, Refrigerated, Pass-Thru Cabinet, Single	6,000.00		
657-Floyd County	2052-Garden Lakes Elementary School	5			Electric Slicer	4,320.00		
667-Gwinnett County	0280-Beaver Ridge Elementary School	5			Cold Food Counter-Replacement	6,852.00		
667-Gwinnett County	0287-Norton Elementary School	5			Dishwasher	23,000.00		
668-Habersham County	0112-Wilbanks Middle School	5			Double Stack Convection Oven	14,000.00		
689-Liberty County	0192-Liberty County High School	5			Walk-In Freezer	50,000.00		
691-Long County	0114-Long County Middle School	5			Cold Pass-Thru	7,000.00		
706-Muscogee County	2062-Hardaway High School	5			Complete Hot/Cold Serving Line	25,000.00		
722-Rockdale County	2050-Flat Shoals Elementary School	5			New Oven	10,000.00		
729-Sumter County	0100-Sumter County Primary School	5			Produce Wash Sink	19,500.00		
741-Troup County	0187-West Point Elementary School	5			Steamer	5,100.00		
754-White County	0104-Mount Yonah Elementary School	5			Combi Oven	20,000.00		
754-White County	0204-White County 9th Grade Academy	5			Mobile Hot/Cold Food Cart/Truck	20,000.00		
774-Dublin City	0112-Hillcrest Elementary	5			Combi	6,000.00		
781-Marietta City	0294-Lockheed Elementary School	5			Reach-In Refrigerator	5,500.00		
793-Vidalia City	0273-Vidalia Comprehensive High School	5			Warmer	5,500.00		
934-IMAGINE INT'L ACAD OF SMYRNA	9008-Imagine International Academy of Smyrna	5			Pass-Thru Refrigerator	6,000.00		

* Criteria was not pulled since funding ended before end of priority #2 .

These systems request do not qualify for reasons listed.									
IMAGINE INT'L ACAD OF SMYRNA	9008-Imagine International Academy of Smyrna	1	N/A	41.72%	Pass-Thru Refrigerator	15,000.00	N/A	N/A	A

School Food Authority (SFA)	School	Equipment Priority	Mo. Cash Resources	F & R Percentage October 2014 Data Collection	Requested Equipment	Requested Amount	Lesser of Request or Calculated Industry Standard	Cumulative Total	
KIP ACADEMY INC	0001-KIP Academy, Inc.	2	N/A		Salad bar	3,000.00	N/A	N/A	B
MURPHY HARPST CHILDREN'S CENTER	0001-Murphy Harpst Children's Center	2	N/A		Combi Oven	5,000.00	N/A	N/A	B
KIDSPEACE NATIONAL CENTERS OF GA, I	0001-KidsPeace National Center of Georgia, Inc.	2	N/A		Serving Line	3,100.00	N/A	N/A	B
A FRIEND'S HOUSE	0001-A Friend's House	2	N/A		Pilotless Stove	4,000.00	N/A	N/A	B
CREATIVE LEARNING CENTER	0001-Creative Learning Center	2	N/A		Cooler/Refrigerator	1,800.00	N/A	N/A	B
Bulloch County	Bulloch County School Nutrition Central Warehouse	2	N/A		Walk-In Cooler		N/A	N/A	C
Buford City	0191-Buford High School	2	N/A	34.13%	Combi Oven		N/A	N/A	A
Walton County	Walton Grove Elementary School	2	N/A	47.77%	Walk-In Freezer		N/A	N/A	A
White county	0105-White County High School	2	N/A	46.95%	Combi Oven		N/A	N/A	A
Utopian Academy for the Arts Charter School	0121-Utopian Academy for the Arts Charter School	2	N/A		Milk Box	1,100.00	N/A	N/A	D
Fulton Leadership Academy	0310-Fulton Leadership Academy	2	N/A		Food Processor	700.00	N/A	N/A	D
Georgia Magnet Charter School Found	9005-Hapeville Middle Charter School	2	N/A		Panini Grills	893.00	N/A	N/A	D
Grady County	1054-Whigham Elementary School	2	N/A		Proofer/Holding Cabinet	3,000.00	N/A	N/A	D
A	Must be 50% Free or Reduced or higher.								
B	Received Previous Grant FY2014								
C	Central Warehouse is not a school								
D	Does not meet the capitalization threshold.								

FY 2016 Charter Schools Facilities Grant

		FY 2016 Facilities Grant Application Scoring					REQUESTED							AWARD RECOMMENDATION*							Total Amount Available to be awarded = $1.4 million
							Facility Grant Spending Category							Facility Grant Spending Category							
							Facility Renovation and Construction Support		Facility Support		Transportation Support			Facility Renovation and Construction Support		Facility Support		Transportation Support			
	Applicants	Beating the Odds (50 points)	Financial Risk (25 points)	Instructional Spending (25 points)	Total Points (100)	30+	Amount Requested	Rank Order	Amount Requested	Rank Order	Amount Requested	Rank Order	Total Amount Requested (not to exceed $200,000)	Amount Recommended	Rank Order	Amount Recommended	Rank Order	Amount Recommended	Rank Order	Total Award Recommended	Cumulative Amount Awarded
1	Charles R. Drew Charter School	49.5	25	17.5	92.00	Yes	$149,994	1					$149,994	$149,994	1					$149,994	$149,994
2	DeKalb PATH Academy	46	25	18	89.00	Yes	$125,463	1			$70,000	2	$195,463	$125,463	1			$70,000	2	$195,463	$345,457
3	KIPP Strive Academy	49	25	14.75	88.75	Yes	$127,000	1					$127,000	$127,000	1					$127,000	$472,457
4	KIPP South Fulton Academy	49	25	14.5	88.50	Yes	$150,000	1					$150,000	$150,000	1					$150,000	$622,457
5	The Kindezi School	46	25	17.5	88.50	Yes	$150,000	1					$150,000	$150,000	1					$150,000	$772,457
6	The Museum School of Avondale Estates	40.5	25	20.75	86.25	Yes	$150,000	1					$150,000	$150,000	1					$150,000	$922,457
7	Pataula Charter Academy	43.5	25	15.25	83.75	Yes	$100,000	2	$100,000	2			$200,000	$100,000	2	$100,000	1			$200,000	$1,122,457
8	Atlanta Neighborhood Charter School	33	25	20.75	78.75	Yes	$54,642	2	$145,120	1			$199,762	$54,642	2	$145,120	1			$199,762	$1,322,219
9	KIPP Vision Academy**	32.5	25	14.75	72.25	Yes	$125,000	1					$125,000	$77,781	1					$77,781	$1,400,000

FY 2016 Charter Schools Facilities Grant

		FY 2016 Facilities Grant Application Scoring					REQUESTED							RANK ORDER RECOMMENDATIONS FOR AWARD IF ADDITIONAL FUNDS BECOME AVAILABLE*						
							Facility Grant Spending Category							Facility Grant Spending Category						
							Facility Renovation and Construction Support		Facility Support		Transportation Support			Facility Renovation and Construction Support		Facility Support		Transportation Support		
	Applicants	Beating the Odds (50 points)	Financial Risk (25 points)	Instructional Spending (25 points)	Total Points (100)	30+	Amount Requested	Rank Order	Amount Requested	Rank Order	Amount Requested	Rank Order	Total Amount Requested (not to exceed $200,000)	Amount Recommended	Rank Order	Amount Recommended	Rank Order	Amount Recommended	Rank Order	Total Award Recommended
9	KIPP Vision Academy**	32.5	25	14.75	72.25	Yes	$125,000	1					$125,000	$47,219	1					$47,219
10	KIPP WAYS Academy	30	25	14.75	69.75	Yes	$12,500	1					$12,500	$12,500	1					$12,500
11	KIPP Atlanta Collegiate	25	25	14.75	64.75	Yes	$150,000	1					$150,000	$150,000	1					$150,000
12	Cherokee Charter Academy	26	25	13.4	64.40	Yes	$150,000	1					$150,000	$150,000	1					$150,000

*Recommendations include only allowable expenses

** Partial award

	School	Applications not considered because they were submitted incomplete by deadline
13	Baconton Community Charter School	Superintendent signature missing
14	Ivy Preparatory Academy	Audit, scoring rubric, ID missing
15	The Main Street Academy	Superintendent signature missing

	School	Applications not considered for other reasons
16	Wesley International Academy	Annual Report not filed for 2013-14; this prevented confirmation of instructional spending submitted in the application rubric

Appendix 11

FY16 State and Federal Special Education Allocations

District Name	FY16 IDEA 611 Flowthrough	FY16 Fed. IDEA 619 Preschool	FY16 State Preschool	Parent Mentors	Total FY16 State and Fed. Recommended Funding
Appling County	$ 688,816	$ 28,687	$ 69,586	$ 12,500	$ 799,589
Atkinson County	$ 329,220	$ 18,133	$ 4,809	$ -	$ 352,162
Bacon County	$ 388,003	$ 16,111	$ 40,943	$ -	$ 445,057
Baker County	$ 97,500	$ 8,255	$ 664	$ 12,500	$ 118,919
Baldwin County	$ 1,326,819	$ 38,421	$ 80,161	$ -	$ 1,445,401
Banks County	$ 460,405	$ 15,005	$ 63,313	$ 12,500	$ 551,223
Barrow County	$ 2,213,500	$ 80,960	$ 219,200	$ 12,500	$ 2,526,160
Bartow County	$ 2,535,436	$ 82,499	$ 224,374	$ 12,500	$ 2,854,809
Ben Hill County	$ 597,514	$ 35,654	$ 77,077	$ -	$ 710,245
Berrien County	$ 582,459	$ 30,664	$ 84,279	$ -	$ 697,402
Bibb County	$ 4,710,248	$ 118,365	$ 448,162	$ 25,000	$ 5,301,775
Bleckley County	$ 464,532	$ 22,866	$ 57,192	$ -	$ 544,590
Brantley County	$ 613,447	$ 36,314	$ 47,333	$ 12,500	$ 709,594
Brooks County	$ 422,984	$ 14,967	$ 47,208	$ -	$ 485,159
Bryan County	$ 1,165,456	$ 26,893	$ 101,089	$ 12,500	$ 1,305,938
Bulloch County	$ 1,829,465	$ 45,057	$ 238,331	$ 12,500	$ 2,125,353
Burke County	$ 817,560	$ 27,581	$ 103,454	$ -	$ 948,595
Butts County	$ 601,129	$ 21,522	$ 86,610	$ -	$ 709,261
Calhoun County	$ 153,406	$ 8,229	$ 31,275	$ 12,500	$ 205,410
Camden County	$ 1,535,442	$ 71,433	$ 219,432	$ -	$ 1,826,307
Candler County	$ 401,160	$ 12,389	$ 40,963	$ 12,500	$ 467,012
Carroll County	$ 2,626,903	$ 99,058	$ 195,163	$ -	$ 2,921,124
Catoosa County	$ 1,790,751	$ 53,624	$ 130,020	$ 12,500	$ 1,986,895
Charlton County	$ 328,688	$ 31,620	$ 26,803	$ -	$ 387,111
Chatham County	$ 7,133,948	$ 194,783	$ 902,257	$ 25,000	$ 8,255,988
Chattahoochee County	$ 143,056	$ 5,440	$ 19,234	$ -	$ 167,730
Chattooga County	$ 614,265	$ 38,413	$ 88,527	$ -	$ 741,205
Cherokee County	$ 6,005,871	$ 177,281	$ 671,565	$ 25,000	$ 6,879,717
Clarke County	$ 2,512,695	$ 63,776	$ 204,611	$ 12,500	$ 2,793,582
Clay County	$ 68,671	$ 7,198	$ 21,669	$ -	$ 97,538
Clayton County	$ 9,174,003	$ 244,575	$ 825,067	$ 25,000	$ 10,268,645
Clinch County	$ 328,060	$ 28,891	$ 4,829	$ -	$ 361,780

District Name	FY16 IDEA 611 Flowthrough	FY16 Fed. IDEA 619 Preschool	FY16 State Preschool	Parent Mentors	Total FY16 State and Fed. Recommended Funding
Cobb County	$ 18,775,718	$ 451,334	$ 2,940,999	$ 25,000	$ 22,193,051
Coffee County	$ 1,429,391	$ 76,719	$ 104,133	$ -	$ 1,610,243
Colquitt County	$ 1,751,096	$ 65,671	$ 62,199	$ -	$ 1,878,966
Columbia County	$ 3,699,650	$ 85,175	$ 482,767	$ 12,500	$ 4,280,092
Cook County	$ 590,661	$ 41,062	$ 64,926	$ -	$ 696,649
Coweta County	$ 3,741,982	$ 135,547	$ 358,106	$ 12,500	$ 4,248,135
Crawford County	$ 352,141	$ 9,550	$ 21,648	$ 12,500	$ 395,839
Crisp County	$ 799,015	$ 33,749	$ 129,938	$ -	$ 962,702
Dade County	$ 417,237	$ 35,638	$ 86,830	$ 12,500	$ 552,205
Dawson County	$ 534,630	$ 16,133	$ 67,076	$ -	$ 617,839
Decatur County	$ 1,048,574	$ 46,288	$ 111,148	$ 12,500	$ 1,218,510
DeKalb County	$ 16,906,440	$ 445,697	$ 2,260,500	$ 25,000	$ 19,637,637
Dodge County	$ 597,738	$ 18,977	$ 32,337	$ 12,500	$ 661,552
Dooly County	$ 293,402	$ 13,148	$ 77,098	$ -	$ 383,648
Dougherty County	$ 3,013,838	$ 123,883	$ 265,425	$ 12,500	$ 3,415,646
Douglas County	$ 4,276,122	$ 101,401	$ 493,970	$ 12,500	$ 4,883,993
Early County	$ 443,437	$ 28,136	$ 2,404	$ 12,500	$ 486,477
Echols County	$ 139,673	$ 5,877	$ 7,233	$ -	$ 152,783
Effingham County	$ 1,776,320	$ 59,999	$ 395,018	$ 12,500	$ 2,243,837
Elbert County	$ 608,274	$ 25,611	$ 50,477	$ 12,500	$ 696,862
Emanuel County	$ 936,296	$ 30,673	$ 83,650	$ 12,500	$ 1,063,119
Evans County	$ 425,485	$ 23,019	$ 63,235	$ 12,500	$ 524,239
Fannin County	$ 562,024	$ 33,621	$ 55,819	$ -	$ 651,464
Fayette County	$ 3,324,490	$ 87,538	$ 156,512	$ 12,500	$ 3,581,040
Floyd County	$ 1,891,665	$ 75,248	$ 153,512	$ -	$ 2,120,425
Forsyth County	$ 5,343,812	$ 100,749	$ 915,102	$ -	$ 6,359,663
Franklin County	$ 735,331	$ 39,140	$ 117,005	$ 12,500	$ 903,976
Fulton County	$ 15,379,355	$ 375,827	$ 2,173,915	$ 25,000	$ 17,954,097
Gilmer County	$ 700,407	$ 27,105	$ 32,206	$ -	$ 759,718
Glascock County	$ 111,401	$ 6,044	$ 4,819	$ -	$ 122,264
Glynn County	$ 2,382,466	$ 78,377	$ 195,488	$ 12,500	$ 2,668,831
Gordon County	$ 1,277,177	$ 67,292	$ 81,968	$ 12,500	$ 1,438,937
Grady County	$ 865,900	$ 30,143	$ 57,005	$ 12,500	$ 965,548

District Name	FY16 IDEA 611 Flowthrough	FY16 Fed. IDEA 619 Preschool	FY16 State Preschool	Parent Mentors	Total FY16 State and Fed. Recommended Funding
Greene County	$ 493,824	$ 34,196	$ 50,847	$ 12,500	$ 591,367
Gwinnett County	$ 25,755,037	$ 550,916	$ 2,719,550	$ 25,000	$ 29,050,503
Habersham County	$ 1,248,590	$ 56,372	$ 138,582	$ 12,500	$ 1,456,044
Hall County	$ 4,169,729	$ 130,013	$ 417,952	$ 12,500	$ 4,730,194
Hancock County	$ 262,371	$ 6,164	$ 16,729	$ 12,500	$ 297,764
Haralson County	$ 706,038	$ 49,964	$ 86,537	$ 12,500	$ 855,039
Harris County	$ 806,576	$ 36,196	$ 36,846	$ -	$ 879,618
Hart County	$ 646,305	$ 22,633	$ 58,564	$ 12,500	$ 740,002
Heard County	$ 359,447	$ 29,551	$ 19,675	$ -	$ 408,673
Henry County	$ 5,993,013	$ 111,131	$ 835,335	$ 12,500	$ 6,951,979
Houston County	$ 4,493,947	$ 130,910	$ 349,142	$ 12,500	$ 4,986,499
Irwin County	$ 380,589	$ 36,652	$ 40,943	$ -	$ 458,184
Jackson County	$ 1,270,036	$ 56,658	$ 96,341	$ -	$ 1,423,035
Jasper County	$ 456,379	$ 16,095	$ 12,042		$ 484,516
Jeff Davis County	$ 541,243	$ 18,915	$ 58,205	$ -	$ 618,363
Jefferson County	$ 636,303	$ 41,743	$ 60,156	$ -	$ 738,202
Jenkins County	$ 279,404	$ 17,724	$ 16,524	$ -	$ 313,652
Johnson County	$ 240,135	$ 21,837	$ 16,830	$ 12,500	$ 291,302
Jones County	$ 832,511	$ 17,435	$ 89,030	$ 12,500	$ 951,476
Lamar County	$ 450,148	$ 12,578	$ 29,701	$ 12,500	$ 504,927
Lanier County	$ 308,303	$ 11,954	$ 35,044	$ -	$ 355,301
Laurens County	$ 1,033,425	$ 23,014	$ 57,222	$ -	$ 1,113,661
Lee County	$ 983,409	$ 31,932	$ 91,019	$ -	$ 1,106,360
Liberty County	$ 1,588,547	$ 44,212	$ 102,157	$ 12,500	$ 1,747,416
Lincoln County	$ 263,261	$ 48,979	$ 7,223	$ -	$ 319,463
Long County	$ 473,820	$ 8,275	$ 44,130	$ -	$ 526,225
Lowndes County	$ 1,882,699	$ 92,753	$ 142,072	$ -	$ 2,117,524
Lumpkin County	$ 636,828	$ 25,602	$ 78,394	$ 12,500	$ 753,324
Macon County	$ 306,932	$ 23,474	$ 55,378	$ -	$ 385,784
Madison County	$ 968,628	$ 47,587	$ 173,546	$ 12,500	$ 1,202,261
Marion County	$ 259,981	$ 6,120	$ 7,213	$ 12,500	$ 285,814
McDuffie County	$ 794,428	$ 31,021	$ 89,126	$ -	$ 914,575
McIntosh County	$ 282,775	$ 19,463	$ 26,300	$ -	$ 328,538

District Name	FY16 IDEA 611 Flowthrough	FY16 Fed. IDEA 619 Preschool	FY16 State Preschool	Parent Mentors	Total FY16 State and Fed. Recommended Funding
Meriwether County	$ 806,774	$ 57,873	$ 82,149	$ 12,500	$ 959,296
Miller County	$ 210,399	$ 2,800	$ 20,545	$ -	$ 233,744
Mitchell County	$ 544,298	$ 21,342	$ 19,285	$ 12,500	$ 597,425
Monroe County	$ 730,718	$ 28,196	$ 31,285	$ 12,500	$ 802,699
Montgomery County	$ 401,560	$ 8,571	$ 7,213	$ -	$ 417,344
Morgan County	$ 589,474	$ 26,085	$ 45,564	$ -	$ 661,123
Murray County	$ 1,245,490	$ 38,512	$ 26,497	$ -	$ 1,310,499
Muscogee County	$ 5,788,733	$ 182,766	$ 562,580	$ 25,000	$ 6,559,079
Newton County	$ 3,142,698	$ 90,529	$ 487,215	$ 12,500	$ 3,732,942
Oconee County	$ 1,072,857	$ 35,241	$ 155,682	$ 12,500	$ 1,276,280
Oglethorpe County	$ 438,842	$ 28,823	$ 43,527	$ 12,500	$ 523,692
Paulding County	$ 4,099,018	$ 78,869	$ 389,425	$ 12,500	$ 4,579,812
Peach County	$ 694,041	$ 24,726	$ 75,483	$ -	$ 794,250
Pickens County	$ 739,692	$ 30,770	$ 102,414	$ -	$ 872,876
Pierce County	$ 630,221	$ 23,733	$ 70,419	$ 12,500	$ 736,873
Pike County	$ 510,121	$ 11,167	$ 31,419	$ -	$ 552,707
Polk County	$ 1,400,894	$ 58,583	$ 143,816	$ 12,500	$ 1,615,793
Pulaski County	$ 304,263	$ 14,397	$ 26,477	$ 12,500	$ 357,637
Putnam County	$ 557,444	$ 16,365	$ 56,202	$ 12,500	$ 642,511
Quitman County	$ 67,216	$ 13,522	$ 7,213	$ -	$ 87,951
Rabun County	$ 413,065	$ 20,726	$ 46,847	$ 12,500	$ 493,138
Randolph County	$ 231,128	$ 10,099	$ 70,641	$ -	$ 311,868
Richmond County	$ 5,676,840	$ 132,991	$ 557,226	$ 25,000	$ 6,392,057
Rockdale County	$ 2,723,498	$ 68,458	$ 236,048	$ 12,500	$ 3,040,504
Schley County	$ 193,290	$ 4,991	$ 19,234	$ -	$ 217,515
Screven County	$ 523,699	$ 13,140	$ 67,017	$ -	$ 603,856
Seminole County	$ 311,651	$ 11,842	$ 33,651	$ 12,500	$ 369,644
Griffin-Spalding County	$ 1,971,951	$ 51,188	$ 175,895	$ -	$ 2,199,034
Stephens County	$ 778,181	$ 23,416	$ 106,921	$ 12,500	$ 921,018
Stewart County	$ 116,643	$ 7,470	$ 7,213	$ 12,500	$ 143,826
Sumter County	$ 938,280	$ 37,079	$ 118,030	$ 12,500	$ 1,105,889
Talbot County	$ 139,988	$ 18,162	$ 2,404	$ -	$ 160,554
Taliaferro County	$ 36,395	$ 3,658	$ 2,404	$ -	$ 42,457

District Name	FY16 IDEA 611 Flowthrough	FY16 Fed. IDEA 619 Preschool	FY16 State Preschool	Parent Mentors	Total FY16 State and Fed. Recommended Funding
Tattnall County	$ 651,878	$ 19,957	$ 52,943	$ -	$ 724,778
Taylor County	$ 253,403	$ 9,578	$ 26,497	$ -	$ 289,478
Telfair County	$ 316,527	$ 13,306	$ 27,475	$ -	$ 357,308
Terrell County	$ 341,396	$ 17,082	$ 43,237	$ 12,500	$ 414,215
Thomas County	$ 1,133,009	$ 44,288	$ 119,895		$ 1,297,192
Tift County	$ 1,513,210	$ 75,427	$ 208,054	$ -	$ 1,796,691
Toombs County	$ 611,534	$ 24,027	$ 69,699	$ -	$ 705,260
Towns County	$ 204,886	$ 5,638	$ 22,765	$ -	$ 233,289
Treutlen County	$ 222,121	$ 8,377	$ 12,031	$ -	$ 242,529
Troup County	$ 2,351,030	$ 71,631	$ 121,624	$ 12,500	$ 2,556,785
Turner County	$ 302,870	$ 18,449	$ 43,347	$ -	$ 364,666
Twiggs County	$ 222,455	$ 8,514	$ 0	$ 12,500	$ 243,469
Union County	$ 504,764	$ 14,868	$ 58,195	$ 12,500	$ 590,327
Thomaston-Upson County	$ 860,462	$ 20,930	$ 79,509	$ 12,500	$ 973,401
Walker County	$ 1,673,857	$ 54,264	$ 217,151	$ 12,500	$ 1,957,772
Walton County	$ 2,257,522	$ 44,059	$ 259,916	$ 12,500	$ 2,573,997
Ware County	$ 1,309,126	$ 86,375	$ 147,224	$ 12,500	$ 1,555,225
Warren County	$ 170,825	$ 28,594	$ 53,990	$ -	$ 253,409
Washington County	$ 578,508	$ 23,523	$ 38,518	$ -	$ 640,549
Wayne County	$ 929,367	$ 42,921	$ 132,166	$ 12,500	$ 1,116,954
Webster County	$ 70,899	$ 3,455	$ 0	$ -	$ 74,354
Wheeler County	$ 195,411	$ 7,135	$ 4,819	$ -	$ 207,365
White County	$ 648,867	$ 18,609	$ 38,518	$ 12,500	$ 718,494
Whitfield County	$ 2,273,668	$ 62,840	$ 207,646	$ 12,500	$ 2,556,654
Wilcox County	$ 226,526	$ 8,427	$ 2,415	$ -	$ 237,368
Wilkes County	$ 343,952	$ 15,222	$ 48,477	$ -	$ 407,651
Wilkinson County	$ 313,991	$ 12,253	$ 2,404	$ -	$ 328,648
Worth County	$ 655,115	$ 28,697	$ 74,745	$ -	$ 758,557
Atlanta City	$ 9,342,429	$ 245,590	$ 616,075	$ 25,000	$ 10,229,094
Bremen City	$ 373,697	$ 26,511	$ 48,428	$ -	$ 448,636
Buford City	$ 582,412	$ 14,332	$ 52,984	$ -	$ 649,728
Calhoun City	$ 592,022	$ 22,093	$ 30,720	$ -	$ 644,835
Carrollton City	$ 880,886	$ 51,352	$ 67,471	$ -	$ 999,709

District Name	FY16 IDEA 611 Flowthrough	FY16 Fed. IDEA 619 Preschool	FY16 State Preschool	Parent Mentors	Total FY16 State and Fed. Recommended Funding
Cartersville City	$ 663,906	$ 16,084	$ 82,032	$ -	$ 762,022
Chickamauga City	$ 187,549	$ 3,389	$ 7,213	$ -	$ 198,151
Commerce City	$ 270,040	$ 9,506	$ 4,809	$ -	$ 284,355
Dalton City	$ 1,203,479	$ 28,068	$ 80,929	$ -	$ 1,312,476
Decatur City	$ 660,692	$ 21,713	$ 68,584	$ 12,500	$ 763,489
Dublin City	$ 554,886	$ 17,010	$ 51,689	$ -	$ 623,585
Gainesville City	$ 1,135,616	$ 28,658	$ 108,393	$ 12,500	$ 1,285,167
Jefferson City	$ 447,696	$ 7,854	$ 57,793	$ -	$ 513,343
Marietta City	$ 1,601,714	$ 47,719	$ 131,787	$ 12,500	$ 1,793,720
Pelham City	$ 295,199	$ 15,981	$ 20,740	$ 12,500	$ 344,420
Rome City	$ 1,108,169	$ 39,177	$ 138,247	$ -	$ 1,285,593
Social Circle City	$ 274,641	$ 6,339	$ 14,446	$ -	$ 295,426
Thomasville City	$ 605,527	$ 32,025	$ 57,201	$ 12,500	$ 707,253
Trion City	$ 227,491	$ 5,481	$ 12,052	$ 12,500	$ 257,524
Valdosta City	$ 1,456,722	$ 49,157	$ 281,756	$ -	$ 1,787,635
Vidalia City	$ 407,762	$ 9,485	$ 33,771	$ -	$ 451,018
Mtn. Ed Center	$ 184,905	$ -	$ -	$ -	$ 184,905
Georgia Cyber Academy	$ 1,957,444	$ 37,197	$ -	$ 12,500	$ 2,007,141
Odyssey	$ 44,832	$ 401	$ -	$ -	$ 45,233
Provost Academy	$ 230,554	$ -	$ -	$ -	$ 230,554
Cherokee Prep Academy	$ 125,057	$ 942	$ -	$ -	$ 125,999
Georgia Connections	$ 418,257	$ 3,987	$ -	$ -	$ 422,244
Ivy Prep. for Boys	$ 49,746	$ 434	$ -	$ -	$ 50,180
Ivy Prep. for Girls	$ 48,578	$ 464	$ -	$ -	$ 49,042
CCAT	$ 26,720	$ -	$ -	$ -	$ 26,720
Ivy Prep Academy School	$ 53,382	$ -	$ -	$ -	$ 53,382
Pataula Academy	$ 61,254	$ 544	$ -	$ -	$ 61,798
Fulton Academy	$ 38,752	$ -	$ -	$ -	$ 38,752
Atlanta Heights	$ 96,419	$ -	$ -	$ -	$ 96,419
Coweta Academy	$ 85,739	$ 2,245	$ -	$ -	$ 87,984
Utopian Charter	$ 28,811	$ -	$ -	$ -	$ 28,811
Dept. of Corrections	$ 73,566	$ -	$ -	$ -	$ 73,566
Dept. of Juvenile Justice	$ 705,483	$ -	$ -	$ 12,500	$ 717,983

District Name	FY16 IDEA 611 Flowthrough	FY16 Fed. IDEA 619 Preschool	FY16 State Preschool	Parent Mentors	Total FY16 State and Fed. Recommended Funding
Dept. of Beh.Health & DD	$ -	$ -	$ -	$ -	$ -
State Schools	$ 388,581	$ 22,713	$ -	$ 12,500	$ 423,794
DHR - GA Voc Rehab Ag	$ 56,589	$ -	$ -	$ -	$ 56,589
State-wide Total:	**$ 294,310,966**	**$ 9,062,091**	**$ 31,446,340**	**$ 1,300,000**	**$ 336,119,397**

GNETS Fiscal Agents	Projected State Funds	Projected Federal Funds	Total FY16 Recommended Funding
Bibb County	$ 6,340,886	$ 515,000	$ 6,855,886
Chatham County	$ 2,968,249	$ 365,000	$ 3,333,249
Clayton County	$ 4,135,988	$ 415,000	$ 4,550,988
Cobb County	$ 4,952,279	$ 415,000	$ 5,367,279
Crisp County	$ 916,459	$ 265,000	$ 1,181,459
DeKalb County	$ 3,260,614	$ 365,000	$ 3,625,614
Dougherty County	$ 1,834,671	$ 315,000	$ 2,149,671
Lowndes County	$ 2,210,239	$ 315,000	$ 2,525,239
Muscogee County	$ 595,180	$ 265,000	$ 860,180
Richmond County	$ 1,645,160	$ 315,000	$ 1,960,160
Spalding County	$ 3,494,441	$ 365,000	$ 3,859,441
Thomas County	$ 1,885,326	$ 315,000	$ 2,200,326
Central Savannah River RESA	$ 680,015	$ 265,000	$ 945,015
First District RESA (cedarwood	$ 1,861,235	$ 315,000	$ 2,176,235
First District RESA (coastal)	$ 2,424,975	$ 365,000	$ 2,789,975
Heart of Georgia RESA	$ 1,888,396	$ 315,000	$ 2,203,396
Metro RESA	$ 5,672,947	$ 465,000	$ 6,137,947
North Georgia RESA	$ 1,401,758	$ 315,000	$ 1,716,758
Northeast Georgia RESA	$ 1,804,925	$ 315,000	$ 2,119,925
Northwest Georgia RESA	$ 3,902,312	$ 365,000	$ 4,267,312
Oconee RESA	$ 1,183,216	$ 315,000	$ 1,498,216
Okefenokee RESA	$ 1,133,144	$ 315,000	$ 1,448,144
Pioneer RESA	$ 1,891,835	$ 315,000	$ 2,206,835
West Georgia RESA	$ 4,034,288	$ 365,000	$ 4,399,288
Total	**$ 62,118,538**	**$ 8,210,000**	**$ 70,328,538**

GLRS Fiscal Agents	GLRS Centers	FY 16 Recommended Funding
First District RESA	COASTAL	$390,000
Richmond County	EAST GEORGIA	$370,000
Heart of Ga. RESA	EAST CENTRAL	$360,000
DeKalb County	METRO EAST	$455,000
Griffin RESA	METRO SOUTH	$390,000
Metro RESA	METRO WEST	$455,000
Middle Ga. RESA	MIDDLE GEORGIA	$380,000
Pioneer RESA	NORTH GEORGIA	$380,000
Pickens County	NORTH CENTRAL	$380,000
Northeast Ga. RESA	NORTH EAST	$380,000
Northwest Ga. RESA	NORTH WEST	$390,000
Coastal Plains RESA	SOUTH GEORGIA	$370,000
Okefenokee RESA	SOUTH CENTRAL	$350,000
First District RESA	SOUTH EAST	$360,000
Dougherty County	SOUTH WEST	$370,000
Muscogee County	WEST GEORGIA	$370,000
West Ga. RESA	WEST CENTRAL	$370,000
		$6,520,000

$50,000.01-$250,000 Recurring Contract (October 2015)								
Vendor	Term	Program Manager	Cost	Objective	Funding Source	Renewal # or number of years recurring	Program Name	Changes from Previous Year
Georgia Department of Natural Resources/Brasstown Valley Resort	January 20-23, 2016	Julie Morrill	55,200.00	Striving Reader Elementary Teacher Institute/ Striving Reader Secondary	Federal Funds/Striving Reader	new	Striving Reader	N/A
Last Year Performance Criteria and Results:	N/A							
This Year Performance Criteria, Summary and Results:	This venue has been used several times in the past by the Striving Reader program manager . All deliverables from the past meetings were in accordance with the contract and banquet orders.							

$50,000.01-$250,000 Recurring Contract (October 2015)								
1								
Vendor	Term	Program Manager	Cost	Objective	Funding Source	Renewal # or number of years recurring	Program Name	Changes from Previous Year
Classic Center	November 2-3, 2015	Julie Morrill	$64,249.12	Striving Reader Leadership Summit Venue	Federal Funds/Striving Reader	new	Striving Reader	N/A
Last Year Performance Criteria and Results:	N/A							
This Year Performance Criteria, Summary and Results:	The Classic Center served as the venue for the Striving Reader Fall Leadership Summit. The service received was in accordance with the banquet orders and were delivered as expected.							

$50,000.01-$250,000 Recurring Contract								
1								
Vendor	**Term**	**Program Manager**	**Cost**	**Objective**	**Funding Source**	**Renewal # or number of years recurring**	**Program Name**	**Changes from Previous Year**
Georgia Public Broadcasting	January 1, 2016 to September 30, 2016	Erin Dilcher	$206,160.00	Requesting approval to utilize federal funds to develop and produce 26 video lessons and 3 summary videos to aid the instructional delivery of required training for school nutrition employees as specified in paragraph (2)(a)3(iii) of SBOE 160-5-6-.01- Statewide School Nutrition Program.	Nutrition Meal Pattern	New	Orientation for Nutrition Employees (O.N.E.)	N/A
Last Year Performance Criteria and Results:	N/A							
This Year Performance Criteria, Summary and Results:								
A project plan with (3) major stages listed below will be agreed upon by GADOE SNP and necessary stakeholders. Weekly project status meetings will be conducted to ensure project is on task. GADOE SNP personnel will monitor activities to ensure deliverables are being met in accordance with statement of work and project plan.								

$50,000.01-$250,000 Recurring Contract (December 2015)								
1								
Vendor	**Term**	**Program Manager**	**Cost**	**Objective**	**Funding Source**	**Renewal # or number of years recurring**	**Program Name**	**Changes from Previous Year**
Covendis Technologies	October 1, 2015, through October 31, 2015.	Robert Swiggum	$215,000.00	This contract provides Temporary IT Staffing to assist in the development, maintenance and enhancement of all web-enabled applications.	State	Monthly	Technology Services	This is a monthly invoice that varies based on the number of hours that are billed.
Last Year Performance Criteria and Results:	Contractor project performance is monitored by project managers based on assigned tasks.							
This Year Performance Criteria, Summary and Results:	Contractor project performance is monitored by project managers based on assigned tasks.							
Hours spent completing tasks and quality of work by contracted staff is evaluated by project managers to determine efficiency and quality of workmanship.								

STATE BOARD OF EDUCATION
2016 Meeting Dates

The official board meetings are scheduled to begin at 8 a.m.

January	13	Wednesday	Committee Meetings
	14	Thursday	COW & Regular Meeting
February	17	Wednesday	Committee Meetings
	18	Thursday	COW & Regular Meeting
March	30	Wednesday	Committee Meetings
	31	Thursday	COW & Regular
April		**NO MEETING**	
May	4	Wednesday	Committee Meetings
	5	Thursday	COW & Regular Meeting
June	8	Wednesday	Committee Meetings
	9	Thursday	COW & Regular Meetings
July	13	Wednesday	Committee Meetings
	14	Thursday	COW & Regular Meeting
August	17	Wednesday	Committee Meetings
	18	Thursday	COW & Regular Meeting
September	21	Wednesday	Committee Meetings
	22	Thursday	COW & Regular Meeting
October		**State Board Retreat**	
November	2	Wednesday	Committee Meetings
	3	Thursday	COW & Regular Meeting
December	7	Wednesday	Committee Meetings
	8	Thursday	COW & Regular Meeting

*** COW = Committee of the Whole

All meetings are held at the Georgia Department of Education,
2070 Twin Towers East,
205 Jesse Hill Jr. Drive, Atlanta, GA 30334

Richard Woods, Georgia's School Superintendent
December 10, 2015

Class Size Waiver Requests 2015-2016
December, 2015

School District	Letter of Intent submitted	Class Size Waiver for 2014-2015 School Year
Bryan County Schools	IE2	Yes
Burke County Schools	IE2	Yes
DeKalb County Schools	Charter	Yes
Elbert County Schools	IE2	Yes
Mitchell County Schools	IE2	Yes
Thomasville City Schools	IE2	Yes
Walker County Schools	IE2	Yes
Wheeler County Schools	IE2	Yes
Wilcox County Schools	IE2	Yes

Architecture and Construction Career Cluster
Industrial Mechanics
Course Number: 46.41000

Course Description:
This course introduces and emphasizes the basic skill necessary for mechanical maintenance personnel. Instruction is also provided in the basic physics concepts applicable to the mechanics of industrial production equipment, and the application of mechanical principles with additional emphasis on power transmission and specific mechanical components. *There are no prerequisites for this course.*

Course Standard 1

AC-IM-1

The following standard is included in all CTAE courses adopted for the Career Cluster/Pathways. Teachers should incorporate the elements of this standard into lesson plans during the course. The topics listed for each element of the standard may be addressed in differentiated instruction matching the content of each course. These elements may also be addressed with specific lessons from a variety of resources. This content is not to be treated as a unit or separate body of knowledge but rather integrated into class activities as applications of the concept.

Standard: Demonstrate employability skills required by business and industry.
The following elements should be integrated throughout the content of this course.

1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.

Person-to-Person Etiquette	Telephone and Email Etiquette	Cell Phone and Internet Etiquette	Communicating At Work	Listening
Interacting with Your Boss	Telephone Conversations	Using Blogs	Improving Communication Skills	Reasons, Benefits, and Barriers
Interacting with Subordinates	Barriers to Phone conversations	Using Social Media	Effective Oral Communication	Listening Strategies
Interacting with Co-workers	Making and Returning Calls		Effective Written Communication	Ways We Filter What We Hear
Interacting with Suppliers	Making Cold Calls		Effective Nonverbal Skills	Developing a Listening Attitude
	Handling Conference Calls		Effective Word Use	Show You Are Listening
	Handling Unsolicited Calls		Giving and Receiving Feedback	Asking Questions
				Obtaining Feedback
				Getting Others to Listen

Nonverbal Communication	Written Communication	Speaking	Applications and Effective Résumés
Communicating Nonverbally	Writing Documents	Using Language Carefully	Completing a Job Application
Reading Body Language and mixed Messages	Constructive Criticism in Writing	One-on-One Conversations	Writing a Cover Letter
Matching Verbal and Nonverbal communication		Small Group Communication	Things to Include in a Résumé

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Improving Nonverbal Indicators		Large Group Communication	Selling Yourself in a Résumé
Nonverbal Feedback		Making Speeches	Terms to Use in a Résumé
Showing Confidence Nonverbally		Involving the Audience	Describing Your Job Strengths
Showing Assertiveness		Answering Questions	Organizing Your Résumé
		Visual and Media Aids	Writing an Electronic Résumé
		Errors in Presentation	Dressing Up Your Résumé

1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.

Teamwork and Problem Solving	Meeting Etiquette
Thinking Creatively	Preparation and Participation in Meetings
Taking Risks	Conducting Two-Person or Large Group Meetings
Building Team Communication	Inviting and Introducing Speakers
	Facilitating Discussions and Closing
	Preparing Visual Aids
	Virtual Meetings

1.3 Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations.

Problem Solving	Customer Service	The Application Process	Interviewing Skills	Finding the Right Job
Transferable Job Skills	Gaining Trust and Interacting with Customers	Providing Information, Accuracy and Double Checking	Preparing for an Interview	Locating Jobs and Networking
Becoming a Problem Solver	Learning and Giving Customers What They Want	Online Application Process	Questions to Ask in an Interview	Job Shopping Online
Identifying a Problem	Keeping Customers Coming Back	Following Up After Submitting an Application	Things to Include in a Career Portfolio	Job Search Websites
Becoming a Critical Thinker	Seeing the Customer's Point	Effective Résumés:	Traits Employers are Seeking	Participation in Job Fairs
Managing	Selling Yourself and the Company	Matching Your Talents to a Job	Considerations Before Taking a Job	Searching the Classified Ads
	Handling Customer Complaints	When a Résumé Should be Used		Using Employment Agencies
	Strategies for Customer Service			Landing an Internship
				Staying Motivated to Search

1.4 Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.

Workplace Ethics	Personal Characteristics	Employer Expectations	Business Etiquette	Communicating at Work
Demonstrating Good Work Ethic	Demonstrating a Good Attitude	Behaviors Employers Expect	Language and Behavior	Handling Anger
Behaving Appropriately	Gaining and Showing Respect	Objectionable Behaviors	Keeping Information Confidential	Dealing with Difficult Coworkers

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Maintaining Honesty	Demonstrating Responsibility	Establishing Credibility	Avoiding Gossip	Dealing with a Difficult Boss
Playing Fair	Showing Dependability	Demonstrating Your Skills	Appropriate Work Email	Dealing with Difficult Customers
Using Ethical Language	Being Courteous	Building Work Relationships	Cell Phone Etiquette	Dealing with Conflict
Showing Responsibility	Gaining Coworkers' Trust		Appropriate Work Texting	
Reducing Harassment	Persevering		Understanding Copyright	
Respecting Diversity	Handling Criticism		Social Networking	
Making Truthfulness a Habit	Showing Professionalism			
Leaving a Job Ethically				

1.5 Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills.

Expected Work Traits	Teamwork	Time Management
Demonstrating Responsibility	Teamwork Skills	Managing Time
Dealing with Information Overload	Reasons Companies Use Teams	Putting First Things First
Transferable Job Skills	Decisions Teams Make	Juggling Many Priorities
Managing Change	Team Responsibilities	Overcoming Procrastination
Adopting a New Technology	Problems That Affect Teams	Organizing Workspace and Tasks
	Expressing Yourself on a Team	Staying Organized
	Giving and Receiving Constructive Criticism	Finding More Time
		Managing Projects
		Prioritizing Personal and Work Life

1.6 Present a professional image through appearance, behavior and language.

On-the-Job Etiquette	Person-to-Person Etiquette	Communication Etiquette	Presenting Yourself
Using Professional Manners	Meeting Business Acquaintances	Creating a Good Impression	Looking Professional
Introducing People	Meeting People for the First Time	Keeping Phone Calls Professional	Dressing for Success
Appropriate Dress	Showing Politeness	Proper Use of Work Email	Showing a Professional Attitude
Business Meal Functions		Proper Use of Cell Phone	Using Good Posture
Behavior at Work Parties		Proper Use in Texting	Presenting Yourself to Associates
Behavior at Conventions			Accepting Criticism
International Etiquette			Demonstrating Leadership
Cross-Cultural Etiquette			
Working in a Cubicle			

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Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards
L9-10RST 1-10 and L9-10WHST 1-10:
Common Core ELA/Literacy standards have been written specifically for technical subjects and have been adopted as part of the official standards for all CTAE courses. Additional Common Core ELA/Literacy standards for Speaking and Listening are listed in the foundational course standards below.

Course Standard 2

AC-IM-2
Demonstrate appropriate safety procedures in an Industrial Environment.

- 2.1 Wear approved PPE (shoes, eye wear, gloves, hard hats, etc.).
- 2.2 Understand the importance of lockout/tag-out procedures to control various energy types (i.e. electrical, thermal (steam), hydraulic, pneumatic, or gravitational). Practice correct lockout/tag-out procedures using a padlock and tag as described under OSHA's 29 CFR 1910.147 standard, the Control of Hazardous Energy (Lockout/Tag-out).
- 2.3 Discuss the Material Safety Data Sheets (MSDS) Right-to-Know Law.
- 2.4 Identify types of fires, types of fire extinguishers, and types of protective clothing.
- 2.5 Identify the appropriate action for reporting fires and appropriate firefighting procedures.
- 2.6 Demonstrate Use of Lab Emergency Power Disconnect ("Kill Switch").
- 2.7 Demonstrate an understanding of safety precautions and procedures.
- 2.8 Demonstrate the safe use of test equipment.
- 2.9 Understand safety rules to follow when working with mechanical and electrical systems.
- 2.10 Identify and discuss the potential safety hazards and precautions of working with mechanical and electrical systems.

Course Standard 3

AC-IM-3
Understand and apply mathematic concepts and measurements as relevant to maintenance installation and repair.

- 3.1 Compare and contrast standards and metric measuring systems.
- 3.2 Use formulas to determine areas and volumes.
- 3.3 Determine drive ratios for belt drives, chain drives, and gear drives.
- 3.4 Identify and use common tools of measurement.
- 3.5 Identify and use various precision measurement instruments.

Course Standard 4

AC-IM-4
Demonstrate proper use of maintenance tools and materials in industrial systems.

- 4.1 Identify various mechanical tools used in industrial maintenance systems.
- 4.2 Demonstrate the use of the mechanical tools used in industrial systems.
- 4.3 Identify and discuss the types and characteristics of common metals used in maintenance.
- 4.4 Identify and discuss the types and characteristics of common non-metals used in maintenance.
- 4.5 Define the terminology applied to fasteners.
- 4.6 Identify common fasteners used in mechanical maintenance.

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4.7 Demonstrate safe use of appropriate shop equipment.
4.8 Demonstrate the ability to use layout and measurement tools to transfer print dimensions to a part.
4.9 Demonstrate the safe use of equipment to drill, cut, ream, and tap in accordance with print specifications.
4.10 Demonstrate safe and proper use of files, grinders, and other hand and power tools in accordance with good shop practices.

Course Standard 5

AC-IM-5

Demonstrate an understanding and identify components of power transmission systems.

5.1 Identify common belts and the belt codes used in mechanical systems.
5.2 Define the common terms used in belt drive systems.
5.3 Align pulleys used in belt drive systems.
5.4 Install and tension a belt.
5.5 Define the common terms used in chain drive systems.
5.6 Identify common chains and chain codes used in chain drive systems.
5.7 Align a sprocket used in a chain drive system.
5.8 Install and tension a chain.
5.9 Define common terms used in gear drive systems.
5.10 Identify common gears used in gear drive systems.
5.11 Demonstrate the ability to properly use a gear gauge.
5.12 Remove and install gears used in a gear drive system.

Course Standard 6

AC-IM-6

Examine and explain basic system principles and components for mechanical systems.

6.1 Identify the different types of bearings.
6.2 Explain the use and applications of the different types of bearings.
6.3 Remove and install bearings in bore.
6.4 Remove and install bearings on a shaft.
6.5 Identify the causes of bearing failure.
6.6 Inspect a bearing used in mechanical systems.
6.7 Explain the function of packing and seals in industrial production equipment.
6.8 Remove and install packings and seals.
6.9 Identify commonly used couplings in mechanical systems.
6.10 Align couplings using a straight edge, feeler gauge and dial indicators.
6.11 Install and remove couplings in a mechanical system.
6.12 Define the common terms used in the lubrication process.
6.13 Identify the types of liquid and solid lubricants for various applications.
6.14 Diagnose symptoms of lubricant failure.
6.15 Properly and safely apply lubricants to drive components.
6.16 Identify and demonstrate the proper and safe use of lubricating equipment.

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Course Standard 7

AC-IM-7

Demonstrate the ability to properly set up and use a pedestal grinder.

7.1 Inspect and clean a pedestal grinder.
7.2 Inspect and position eye shields and tool rests.
7.3 Demonstrate the proper dressing of grinding wheels.
7.4 Demonstrate the proper sharpening of center punches and chisels.
7.5 Demonstrate the proper sharpening of drill bits.

Course Standard 8

AC-IM-8

Demonstrate the ability to properly set up and use a drill press.

8.1 Demonstrate the proper inspecting and cleaning of a drill press.
8.2 Demonstrate the proper mounting and securing of a work piece.
8.3 Accurately calculate proper revolutions per minute (RPMs) on a drill press.
8.4 Demonstrate center drilling.
8.5 Demonstrate the proper drilling of pilot holes.
8.6 Demonstrate the proper drilling of blind holes.
8.7 Demonstrate the proper method of drilling through holes.

Course Standard 9

AC-IM-9

Perform necessary operations in order to use a lathe.

9.1 Identify and explain the parts of an engine lathe.
9.2 Demonstrate checking oil reservoirs and cutting fluid levels.
9.3 Accurately calculate feeds and speeds for various materials and material diameters.
9.4 Demonstrate the set-up of a lathe for various feeds and speeds.
9.5 Demonstrate grinding general lathe cutting tools with a pedestal grinder.
9.6 Demonstrate the set-up and alignment of the tool post.
9.7 Demonstrate the set-up of the three-jaw chuck.
9.8 Perform facing operations.
9.9 Perform center drilling operations.

Course Standard 10

AC-IM-10

Perform the necessary operations to use a milling machine.

10.1 Identify and explain the parts of a milling machine.
10.2 Accurately check oil reservoirs and cutting fluid levels.
10.3 Accurately calculate feeds and speeds for various materials and material diameters.
10.4 Demonstrate the set up a mill for various feeds and speeds.
10.5 Demonstrate the use an edge finder to find the edge of a part.
10.6 Perform center drilling operations.
10.7 Perform countersinking operations.
10.8 Perform drilling operations.
10.9 Perform taping operations.

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Course Standard 11

AC-IM-11

Demonstrate safe operating procedures for the use of Oxyacetylene welding and cutting equipment.

11.1 Explain some common hazards in oxyfuel cutting.
11.2 Demonstrate proficiency in use of proper personal protection equipment.
11.3 Demonstrate proficiency in the proper use of safety data sheets.
11.4 Demonstrate proficiency in the proper material handling methods.
11.5 Explain and demonstrate proper oxyfuel cutting safety.
11.6 Demonstrate setting up and disassembling oxyfuel equipment.
11.7 Demonstrate lighting, adjusting, and making cuts with acetylene gas.

Course Standard 12

AC-IM-12

Demonstrate knowledge of basic shielded gas metal arc welding (GMAW).

12.1 Demonstrate setting up of equipment for gas metal arc welding (GMAW).
12.2 Demonstrate preparation of base metal for welding.
12.3 Identify and explain the American Welding Society (AWS) classification of wire.
12.4 Identify and explain the proper AWS codes for fillet weld quality.
12.5 Demonstrate performing fillet welds in the flat, horizontal, vertical, overhead positions to AWS code.

Course Standard 13

AC-IM-13

Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, and competitive events.

13.1 Explain the purpose, mission, objectives, motto, colors, official dress and other distinguishing characteristics of SkillsUSA.
13.2 Explain how participation in SkillsUSA can promote lifelong responsibility for community service, professional growth and development.
13.3 Explore the impact and opportunities SkillsUSA can develop to bring business and industry together with education in a positive working relationship through innovative leadership and career development programs.
13.4 Explore the local, state, and national opportunities available to students through participation in SkillsUSA including but not limited to conferences, competitions, community service, philanthropy, and other SkillsUSA activities.

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Architecture and Construction Career Cluster
Fluid Power and Piping Systems
Course Number: 46.42000

Course Description:
This course provides instruction in the fundamentals of safely operating hydraulic pneumatic and pump and piping systems. Theory and practical application concepts are discussed. Topics include hydraulic system principles and components, pneumatic system principles, and components and the installation, maintenance, and trouble shooting of pump and piping systems. *The prerequisite for this course is Industrial Maintenance.*

Course Standard 1

AC-FPPS-1
The following standard is included in all CTAE courses adopted for the Career Cluster/Pathways. Teachers should incorporate the elements of this standard into lesson plans during the course. The topics listed for each element of the standard may be addressed in differentiated instruction matching the content of each course. These elements may also be addressed with specific lessons from a variety of resources. This content is not to be treated as a unit or separate body of knowledge but rather integrated into class activities as applications of the concept.

Standard: Demonstrate employability skills required by business and industry.
The following elements should be integrated throughout the content of this course.

1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.

Person-to-Person Etiquette	Telephone and Email Etiquette	Cell Phone and Internet Etiquette	Communicating At Work	Listening
Interacting with Your Boss	Telephone Conversations	Using Blogs	Improving Communication Skills	Reasons, Benefits, and Barriers
Interacting with Subordinates	Barriers to Phone conversations	Using Social Media	Effective Oral Communication	Listening Strategies
Interacting with Co-workers	Making and Returning Calls		Effective Written Communication	Ways We Filter What We Hear
Interacting with Suppliers	Making Cold Calls		Effective Nonverbal Skills	Developing a Listening Attitude
	Handling Conference Calls		Effective Word Use	Show You Are Listening
	Handling Unsolicited Calls		Giving and Receiving Feedback	Asking Questions
				Obtaining Feedback
				Getting Others to Listen

Nonverbal Communication	Written Communication	Speaking	Applications and Effective Résumés
Communicating Nonverbally	Writing Documents	Using Language Carefully	Completing a Job Application
Reading Body Language and mixed Messages	Constructive Criticism in Writing	One-on-One Conversations	Writing a Cover Letter
Matching Verbal and Nonverbal communication		Small Group Communication	Things to Include in a Résumé

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Improving Nonverbal Indicators		Large Group Communication	Selling Yourself in a Résumé
Nonverbal Feedback		Making Speeches	Terms to Use in a Résumé
Showing Confidence Nonverbally		Involving the Audience	Describing Your Job Strengths
Showing Assertiveness		Answering Questions	Organizing Your Résumé
		Visual and Media Aids	Writing an Electronic Résumé
		Errors in Presentation	Dressing Up Your Résumé

1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.

Teamwork and Problem Solving	Meeting Etiquette
Thinking Creatively	Preparation and Participation in Meetings
Taking Risks	Conducting Two-Person or Large Group Meetings
Building Team Communication	Inviting and Introducing Speakers
	Facilitating Discussions and Closing
	Preparing Visual Aids
	Virtual Meetings

1.3 Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations.

Problem Solving	Customer Service	The Application Process	Interviewing Skills	Finding the Right Job
Transferable Job Skills	Gaining Trust and Interacting with Customers	Providing Information, Accuracy and Double Checking	Preparing for an Interview	Locating Jobs and Networking
Becoming a Problem Solver	Learning and Giving Customers What They Want	Online Application Process	Questions to Ask in an Interview	Job Shopping Online
Identifying a Problem	Keeping Customers Coming Back	Following Up After Submitting an Application	Things to Include in a Career Portfolio	Job Search Websites
Becoming a Critical Thinker	Seeing the Customer's Point	Effective Résumés:	Traits Employers are Seeking	Participation in Job Fairs
Managing	Selling Yourself and the Company	Matching Your Talents to a Job	Considerations Before Taking a Job	Searching the Classified Ads
	Handling Customer Complaints	When a Résumé Should be Used		Using Employment Agencies
	Strategies for Customer Service			Landing an Internship
				Staying Motivated to Search

1.4 Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.

Workplace Ethics	Personal Characteristics	Employer Expectations	Business Etiquette	Communicating at Work
Demonstrating Good Work Ethic	Demonstrating a Good Attitude	Behaviors Employers Expect	Language and Behavior	Handling Anger
Behaving Appropriately	Gaining and Showing Respect	Objectionable Behaviors	Keeping Information Confidential	Dealing with Difficult Coworkers

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Maintaining Honesty	Demonstrating Responsibility	Establishing Credibility	Avoiding Gossip	Dealing with a Difficult Boss
Playing Fair	Showing Dependability	Demonstrating Your Skills	Appropriate Work Email	Dealing with Difficult Customers
Using Ethical Language	Being Courteous	Building Work Relationships	Cell Phone Etiquette	Dealing with Conflict
Showing Responsibility	Gaining Coworkers' Trust		Appropriate Work Texting	
Reducing Harassment	Persevering		Understanding Copyright	
Respecting Diversity	Handling Criticism		Social Networking	
Making Truthfulness a Habit	Showing Professionalism			
Leaving a Job Ethically				

1.5 Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills.

Expected Work Traits	Teamwork	Time Management
Demonstrating Responsibility	Teamwork Skills	Managing Time
Dealing with Information Overload	Reasons Companies Use Teams	Putting First Things First
Transferable Job Skills	Decisions Teams Make	Juggling Many Priorities
Managing Change	Team Responsibilities	Overcoming Procrastination
Adopting a New Technology	Problems That Affect Teams	Organizing Workspace and Tasks
	Expressing Yourself on a Team	Staying Organized
	Giving and Receiving Constructive Criticism	Finding More Time
		Managing Projects
		Prioritizing Personal and Work Life

1.6 Present a professional image through appearance, behavior and language.

On-the-Job Etiquette	Person-to-Person Etiquette	Communication Etiquette	Presenting Yourself
Using Professional Manners	Meeting Business Acquaintances	Creating a Good Impression	Looking Professional
Introducing People	Meeting People for the First Time	Keeping Phone Calls Professional	Dressing for Success
Appropriate Dress	Showing Politeness	Proper Use of Work Email	Showing a Professional Attitude
Business Meal Functions		Proper Use of Cell Phone	Using Good Posture
Behavior at Work Parties		Proper Use in Texting	Presenting Yourself to Associates
Behavior at Conventions			Accepting Criticism
International Etiquette			Demonstrating Leadership
Cross-Cultural Etiquette			
Working in a Cubicle			

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Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

L9-10RST 1-10 and L9-10WHST 1-10:

Common Core ELA/Literacy standards have been written specifically for technical subjects and have been adopted as part of the official standards for all CTAE courses. Additional Common Core ELA/Literacy standards for Speaking and Listening are listed in the foundational course standards below.

Course Standard 2

AC-FPPS-2

Demonstrate appropriate safety procedures in an Industrial Environment.

- 2.1 Wear approved PPE (shoes, eye wear, gloves, hard hats, etc.).
- 2.2 Understand the importance of lockout/tag-out procedures to control various energy types (i.e. electrical, thermal (steam), hydraulic, pneumatic, or gravitational). Practice correct lockout/tag-out procedures using a padlock and tag as described under OSHA's 29 CFR 1910.147 standard, the Control of Hazardous Energy (Lockout/Tag-out).
- 2.3 Discuss the Material Safety Data Sheets (MSDS) Right-to-Know Law.
- 2.4 Identify types of fires, types of fire extinguishers, and types of protective clothing.
- 2.5 Identify the appropriate action for reporting fires and appropriate firefighting procedures.
- 2.6 Demonstrate Use of Lab Emergency Power Disconnect ("Kill Switch").
- 2.7 Demonstrate an understanding of safety precautions and procedures.
- 2.8 Demonstrate the safe use of test equipment.
- 2.9 Understand safety rules to follow when working with mechanical and electrical systems.
- 2.10 Identify and discuss the potential safety hazards and precautions of working with mechanical and electrical systems.

Course Standard 3

AC-FPPS-3

Explain hydraulic system principles.

- 3.1 Define and discuss the following basic hydraulic terms; hydraulic, force, weight, mass, work, and pressure.
- 3.2 Explain how hydraulic power is transmitted.
- 3.3 Discuss conservation of energy as it applies to a hydraulic system.
- 3.4 State the laws of physics that relate to hydraulic applications.
- 3.5 Explain how force, weight, mass, and pressure are used in the operation of hydraulic devices.
- 3.6 Use formulas to compute solutions for single variable problems relating to hydraulic systems where force, weight, mass, pressure, and work are the unknowns.
- 3.7 Identify the advantages of hydraulic power when compared to other methods of power transmission.
- 3.8 Identify the symbols used to represent components in a hydraulic system.
- 3.9 Identify the purpose of a hydraulic system using circuit diagrams.
- 3.10 Draw a complete hydraulic system schematic using the appropriate symbols.
- 3.11 Read and interpret a hydraulic system schematic.

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Course Standard 4

AC-FPPS-4

Demonstrate proper operation of hydraulic system components.

4.1 Check for symptoms of binding rods and pistons.
4.2 Align a piston in a hydraulic cylinder.
4.3 Discuss the purpose and use of servo-proportional valves (SPV).
4.4 Discuss troubleshooting procedures for actuators in a hydraulic system.
4.5 Inspect a pressure control relief valve.
4.6 Measure the pressure in a hydraulic system.
4.7 Measure the flow of fluid in a hydraulic system.
4.8 Null a hydraulic servo valve.
4.9 Replace valves in hydraulic system.
4.10 Adjust the hydraulic pressure at a valve.
4.11 Test the accumulator charge in a hydraulic system.
4.12 Recharge an accumulator.
4.13 Replace a defective accumulator.
4.14 Explain how hydraulic fluid is manufactured.
4.15 Identify types of hydraulic fluids and discuss their characteristics.
4.16 Explain viscosity ratings.
4.17 Select hydraulic fluids appropriate to the types of seals used in the system.
4.18 Check the fluid level in a hydraulic system.
4.19 Replace and clean hydraulic filters and strainers.
4.20 Drain and refill a hydraulic system with the correct fluid.
4.21 Discuss the types and purposes of reservoirs in a hydraulic system.
4.22 Identify the various pumps used in industry.
4.23 Discuss gear, vane, and piston pump principles of operations.
4.24 Discuss the operation of various pumps used in industry.
4.25 Discuss cavitation in a hydraulic system.
4.26 Discuss pseudo cavitation in a hydraulic system.
4.27 Discuss the effects of atmospheric pressure of the suction side of the pump.
4.28 Inspect a hydraulic pump for proper operation before and after an installation.
4.29 Determine the type of pump required for a specific operation.
4.30 Install, maintain and trouble shoot an industrial pump.

Course Standard 5

AC-FPPS-5

Explain pneumatic system principles.

5.1 Define the terms force, weight, mass, pressure, volume, work, PSI, PSIA, PSIG, compressibility pneumatic energy, and kinetic energy as they relate to pneumatic systems.
5.2 Describe the relationship between the following: force and area, work and time, volume and pressure, temperature and pressure, and temperature, volume, and pressure.
5.3 Describe the effects of air viscosity on velocity.
5.4 Explain Bernoulli's Principle.
5.5 Describe the relationship between pneumatic leverage and travel.
5.6 Use formulas to compute pneumatic output force when given input force and cylinder areas.

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5.7 Use formulas to compute work when given cylinder bore, stroke, and air pressure.
5.8 Use formulas to compute output cylinder travel when given input cylinder travel and leverage increase ratio.
5.9 Identify the symbols used to represent components of pneumatic systems.
5.10 Describe the operation of pneumatic systems when supplied with a system schematic.
5.11 Verify air logic with a pneumatic system diagram.
5.12 Explain the principles of vacuum physics.

Course Standard 6

AC-FPPS-6
Demonstrate proper operation of pneumatic system components.

6.1 Describe the various types of compressors.
6.2 Analyze the functions of compressors.
6.3 Service pneumatic system compressors.
6.4 Disassemble and reassemble a pneumatic system compressor.
6.5 Describe the various types of valves used in pneumatic systems.
6.6 Analyze the function of commonly used types of pneumatic valves.
6.7 Verify pneumatic valve operation.
6.8 Identify commonly used types of actuators.
6.9 Describe the operation of commonly used types of actuators.
6.10 Verify the proper operation of an air motor.

Course Standard 7

AC-FPPS-7
Identify basic fundamentals of pumps and piping systems.

7.1 Discuss and identify the various materials used in piping systems.
7.2 Identify various fittings used in piping systems.
7.3 Discuss and Calculate fitting allowances and pipe measurements.
7.4 Cut, ream, and thread steel pipe.
7.5 Prepare tubing for installation by flaring, brazing and using compression fittings.
7.6 Identify and discuss the types of valves used in piping systems.
7.7 Install various valves used in piping systems.
7.8 Refer to the proper section of the ASME Codes for information on code requirements for industrial pumps.

Course Standard 8

AC-FPPS-8
Demonstrate how to correctly rebuild hydraulic and pneumatic components.

8.1 Use systematic trouble shooting techniques to determine cylinder operation.
8.2 Demonstrate proper procedures to bring the system to a zero energy state.
8.3 Demonstrate proper removal of component to be replaced.
8.4 Properly rebuild component to industry standards.
8.5 Test component to insure proper operation.
8.6 Explain the proper process to reinstall hydraulic and pneumatic components.

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Course Standard 9

AC-FPPS-9

Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, and competitive events.

9.1 Explain the purpose, mission, objectives, motto, colors, official dress and other distinguishing characteristics of SkillsUSA.

9.2 Explain how participation in SkillsUSA can promote lifelong responsibility for community service, professional growth and development.

9.3 Explore the impact and opportunities SkillsUSA can develop to bring business and industry together with education in a positive working relationship through innovative leadership and career development programs.

9.4 Explore the local, state, and national opportunities available to students through participation in SkillsUSA including but not limited to conferences, competitions, community service, philanthropy, and other SkillsUSA activities.

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Architecture and Construction Career Cluster
Electrical Motor Controls
Course Number: 46.43000

Course Description:
This course provides instruction in the fundamentals of electric motors and wiring as it relates to the manufacturing environment. Topics include motor theory and magnetism, various control devices, identification of symbols and schematic diagrams and proper wiring. Students will review and learn to properly apply standards from the National Electrical Code and National Electrical Manufacturers Association. *Prerequisites for the course include Industrial Maintenance and Fluid Power and Piping Systems.*

Course Standard 1

AC-EMC-1
The following standard is included in all CTAE courses adopted for the Career Cluster/Pathways. Teachers should incorporate the elements of this standard into lesson plans during the course. The topics listed for each element of the standard may be addressed in differentiated instruction matching the content of each course. These elements may also be addressed with specific lessons from a variety of resources. This content is not to be treated as a unit or separate body of knowledge but rather integrated into class activities as applications of the concept.

Standard: Demonstrate employability skills required by business and industry.
The following elements should be integrated throughout the content of this course.

1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.

Person-to-Person Etiquette	Telephone and Email Etiquette	Cell Phone and Internet Etiquette	Communicating At Work	Listening
Interacting with Your Boss	Telephone Conversations	Using Blogs	Improving Communication Skills	Reasons, Benefits, and Barriers
Interacting with Subordinates	Barriers to Phone conversations	Using Social Media	Effective Oral Communication	Listening Strategies
Interacting with Co-workers	Making and Returning Calls		Effective Written Communication	Ways We Filter What We Hear
Interacting with Suppliers	Making Cold Calls		Effective Nonverbal Skills	Developing a Listening Attitude
	Handling Conference Calls		Effective Word Use	Show You Are Listening
	Handling Unsolicited Calls		Giving and Receiving Feedback	Asking Questions
				Obtaining Feedback
				Getting Others to Listen

Nonverbal Communication	Written Communication	Speaking	Applications and Effective Résumés
Communicating Nonverbally	Writing Documents	Using Language Carefully	Completing a Job Application
Reading Body Language and mixed Messages	Constructive Criticism in Writing	One-on-One Conversations	Writing a Cover Letter

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Matching Verbal and Nonverbal communication		Small Group Communication	Things to Include in a Résumé
Improving Nonverbal Indicators		Large Group Communication	Selling Yourself in a Résumé
Nonverbal Feedback		Making Speeches	Terms to Use in a Résumé
Showing Confidence Nonverbally		Involving the Audience	Describing Your Job Strengths
Showing Assertiveness		Answering Questions	Organizing Your Résumé
		Visual and Media Aids	Writing an Electronic Résumé
		Errors in Presentation	Dressing Up Your Résumé

1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.

Teamwork and Problem Solving	Meeting Etiquette
Thinking Creatively	Preparation and Participation in Meetings
Taking Risks	Conducting Two-Person or Large Group Meetings
Building Team Communication	Inviting and Introducing Speakers
	Facilitating Discussions and Closing
	Preparing Visual Aids
	Virtual Meetings

1.3 Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations.

Problem Solving	Customer Service	The Application Process	Interviewing Skills	Finding the Right Job
Transferable Job Skills	Gaining Trust and Interacting with Customers	Providing Information, Accuracy and Double Checking	Preparing for an Interview	Locating Jobs and Networking
Becoming a Problem Solver	Learning and Giving Customers What They Want	Online Application Process	Questions to Ask in an Interview	Job Shopping Online
Identifying a Problem	Keeping Customers Coming Back	Following Up After Submitting an Application	Things to Include in a Career Portfolio	Job Search Websites
Becoming a Critical Thinker	Seeing the Customer's Point	Effective Résumés:	Traits Employers are Seeking	Participation in Job Fairs
Managing	Selling Yourself and the Company	Matching Your Talents to a Job	Considerations Before Taking a Job	Searching the Classified Ads
	Handling Customer Complaints	When a Résumé Should be Used		Using Employment Agencies
	Strategies for Customer Service			Landing an Internship
				Staying Motivated to Search

1.4 Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.

Workplace Ethics	Personal Characteristics	Employer Expectations	Business Etiquette	Communicating at Work
Demonstrating Good Work Ethic	Demonstrating a Good Attitude	Behaviors Employers Expect	Language and Behavior	Handling Anger

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Behaving Appropriately	Gaining and Showing Respect	Objectionable Behaviors	Keeping Information Confidential	Dealing with Difficult Coworkers
Maintaining Honesty	Demonstrating Responsibility	Establishing Credibility	Avoiding Gossip	Dealing with a Difficult Boss
Playing Fair	Showing Dependability	Demonstrating Your Skills	Appropriate Work Email	Dealing with Difficult Customers
Using Ethical Language	Being Courteous	Building Work Relationships	Cell Phone Etiquette	Dealing with Conflict
Showing Responsibility	Gaining Coworkers' Trust		Appropriate Work Texting	
Reducing Harassment	Persevering		Understanding Copyright	
Respecting Diversity	Handling Criticism		Social Networking	
Making Truthfulness a Habit	Showing Professionalism			
Leaving a Job Ethically				

1.5 Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills.

Expected Work Traits	Teamwork	Time Management
Demonstrating Responsibility	Teamwork Skills	Managing Time
Dealing with Information Overload	Reasons Companies Use Teams	Putting First Things First
Transferable Job Skills	Decisions Teams Make	Juggling Many Priorities
Managing Change	Team Responsibilities	Overcoming Procrastination
Adopting a New Technology	Problems That Affect Teams	Organizing Workspace and Tasks
	Expressing Yourself on a Team	Staying Organized
	Giving and Receiving Constructive Criticism	Finding More Time
		Managing Projects
		Prioritizing Personal and Work Life

1.6 Present a professional image through appearance, behavior and language.

On-the-Job Etiquette	Person-to-Person Etiquette	Communication Etiquette	Presenting Yourself
Using Professional Manners	Meeting Business Acquaintances	Creating a Good Impression	Looking Professional
Introducing People	Meeting People for the First Time	Keeping Phone Calls Professional	Dressing for Success
Appropriate Dress	Showing Politeness	Proper Use of Work Email	Showing a Professional Attitude
Business Meal Functions		Proper Use of Cell Phone	Using Good Posture
Behavior at Work Parties		Proper Use in Texting	Presenting Yourself to Associates
Behavior at Conventions			Accepting Criticism
International Etiquette			Demonstrating Leadership

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Cross-Cultural Etiquette			
Working in a Cubicle			

Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

L9-10RST 1-10 and L9-10WHST 1-10:

Common Core ELA/Literacy standards have been written specifically for technical subjects and have been adopted as part of the official standards for all CTAE courses. Additional Common Core ELA/Literacy standards for Speaking and Listening are listed in the foundational course standards below.

Course Standard 2

AC-EMC-2

Demonstrate appropriate safety procedures in an Industrial Environment.

- 2.1 Wear approved PPE (shoes, eye wear, gloves, hard hats, etc.).
- 2.2 Understand the importance of lockout/tag-out procedures to control various energy types (i.e. electrical, thermal (steam), hydraulic, pneumatic, or gravitational). Practice correct lockout/tag-out procedures using a padlock and tag as described under OSHA's 29 CFR 1910.147 standard, the Control of Hazardous Energy (Lockout/Tag-out).
- 2.3 Discuss the Material Safety Data Sheets (MSDS) Right-to-Know Law.
- 2.4 Identify types of fires, types of fire extinguishers, and types of protective clothing.
- 2.5 Identify the appropriate action for reporting fires and appropriate firefighting procedures.
- 2.6 Demonstrate Use of Lab Emergency Power Disconnect ("Kill Switch").
- 2.7 Demonstrate an understanding of safety precautions and procedures.
- 2.8 Demonstrate the safe use of test equipment.
- 2.9 Understand safety rules to follow when working with mechanical and electrical systems.
- 2.10 Identify and discuss the potential safety hazards and precautions of working with mechanical and electrical systems.

Course Standard 3

AC-EMC-3

Demonstrate an understanding of motor theory and operating principles.

- 3.1 Describe the laws of magnetism and their application to AC and DC motors.
- 3.2 Compare the operating principles of AC motors with those of DC motors.
- 3.3 Compare the characteristics of AC motors with those of DC motors.
- 3.4 Define terms associated with electric motors.
- 3.5 Identify the component parts of an electric motor.
- 3.6 Name different types of AC and DC motors.
- 3.7 Determine voltage, amperage, speed, horsepower, NEMA class, and environmental requirements of electric motors using data from the motor name plate.

Course Standard 4

AC-EMC-4

Demonstrate an understanding of the differences between AC and DC of motor controls.

- 4.1 Describe the operating characteristics of the three classes of DC motors.

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4.2 State the function of starter devices in DC motors.
4.3 Name the types of manual DC motor starters.
4.4 Identify the components used in DC motor control.
4.5 Name the types of automatic DC motor starters.
4.6 Describe the methods of controlling the speed of DC motors.
4.7 Describe the operating characteristics of the three classes of AC motors.
4.8 State the purpose of controllers in AC motor circuits.
4.9 Name the types of AC motor controllers.
4.10 Identify the components used in AC motor controls.
4.11 Describe the methods used to provide circuit protection in AC motor control applications.

Course Standard 5

AC-EMC-5
Demonstrate an understanding of the purpose of control devices.

5.1 Identify and describe various devices used for sensing temperature, pressure, level, motion, and position.
5.2 Identify and describe the devices used in switching circuits.
5.3 Identify and describe the devices used for motor overload protection.
5.4 Identify and describe the devices used for ground fault and short circuit protection.
5.5 Identify and describe various other devices used in motor control circuits.

Course Standard 6

AC-EMC-6
Read and interpret symbols and schematic diagrams.

6.1 Identify and draw the various symbols for components and conditional state of devices used in motor control circuits.
6.2 Describe a typical motor control schematic diagram.
6.3 Draw a schematic diagram of a motor control circuit.
6.4 Interpret schematic diagrams of various motor control circuits.

Course Standard 7

AC-EMC-7
Demonstrate an understanding of magnetic starters and braking.

7.1 Wire control transformers for the various 24V, 120V, and 230V secondary control voltages used in the industry.
7.2 Wire an across-the-line motor starter using a start-stop switch.
7.3 Wire a forward/reverse motor starter using a stop/forward/reverse switch.
7.4 Wire a magnetic starter for a motor control using a run/jog/stop switch without a control relay.
7.5 Wire a magnetic starter for a motor control using a control relay and a run/jog/stop switch.
7.6 Identify and describe the different dynamic, plugging, electronic, electric, and manual types of motor braking devices used in the industry.
7.7 Install a braking system on a motor.

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Course Standard 8

AC-EMC-8

Apply concepts of the NEMA (National Electrical Manufacturers Association) Standards.

8.1 Identify the purpose of NEMA standards for electric motors.
8.2 Relate NEMA design codes to operating characteristics of electric motors.
8.3 Describe NEMA standards for types of electric motor enclosures.

Course Standard 9

AC-EMC-9

Apply concepts from article 430 of the NEC (National Electrical Code).

9.1 Calculate the size for branch circuit conductors covered by NEC selection 430-22.
9.2 Calculate the size for feeder circuit protection covered by NEC section 430-22.
9.3 Calculate the size for ground fault/short circuit protection (fuses and circuit breakers) using locked motor current, Table 430-152, and Article 430-52 of the NEC.
9.4 Calculate the size of overload protection according to sections 430-74 and 430-34 of the NEC.
9.5 Size equipment grounds according to Table 250-95 of the NEC.
9.6 Size and locate the motor disconnects according to NEC Part H, Article 430.
9.7 Size controllers according the NEMA standards.
9.8 Calculate the size of control conductors according to Article 430-72 of the NEC.
9.9 Size raceways for motor circuits using Chapter 9: Table 3A, 3B, 3C, 4, and 5 of the NEC.

Course Standard 10

AC-EMC-10

Demonstrate knowledge of preventative maintenance and troubleshooting.

10.1 Perform a visual inspection using procedures described in the manufacturer's service manual.
10.2 Lubricate a motor according to procedures described in the manufacturer's service manual.
10.3 Clean a motor according to procedures outlined in the manufacturer's service manual.
10.4 Discuss techniques for troubleshooting electric motors.

Course Standard 11

AC-EMC-11

Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, and competitive events.

11.1 Explain the purpose, mission, objectives, motto, colors, official dress and other distinguishing characteristics of SkillsUSA.
11.2 Explain how participation in SkillsUSA can promote lifelong responsibility for community service, professional growth and development.
11.3 Explore the impact and opportunities SkillsUSA can develop to bring business and industry together with education in a positive working relationship through innovative leadership and career development programs.
11.4 Explore the local, state, and national opportunities available to students through participation in SkillsUSA including but not limited to conferences, competitions, community service, philanthropy, and other SkillsUSA activities.

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Georgia Department of Education

Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

State Charter Schools Commission Nominations for Reappointment

Background

In 2012, the General Assembly passed HB 797, the State Charter Schools Act, which creates a seven-member state level body – the State Charter Schools Commission ("Commission") – that has the power to authorize charter schools. The Commission members are appointed by the State Board of Education in accordance with O.C.G.A. § 20-2-2082(b). The Governor provides nominations for 3 positions, the Lieutenant Governor provides nominations for 2 positions, and the Speaker provides nominations for 2 positions.

The three nominees identified below currently serve on the Commission and were initially appointed to one-year terms by the State Board of Education in January 2013 and reappointed for a full two-year term by the SBOE on Novebmer 6, 2014. The Governor, Lieutenant Governor, and Speaker of the House request the reappointment of these nominees for a third term.

Nominations for Reappointment:

1. Governor Deal
    - Tony Lowden
2. Lieutenant Governor Cagle
    - Paul Williams
3. Speaker Ralston
    - James E. Hogg

Governor Deal's Nomination

1. Tony Lowden
    - Mr. Tony Lowden is the Executive Director of STONE Academy, an after-school enrichment program that serves at-risk children in the Macon-Bibb County area. He also serves as a youth pastor at Lundy Chapel Missionary Baptist Church. Mr. Lowden earned his B.A. degree in Government and Economics from the

University of Southern California and his M.Div. from New Orleans Baptist Theological Seminary. He has served in numerous civic organizations in the Macon-Bibb area, including the Martin Luther King, Jr. Commission, the Mayor's Office of Workforce Development Board and the Board of Directors for the Center for Racial Understanding. He was a member of Leadership Georgia's 2011 Class. He lives in Macon, Georgia.

Lt. Governor Cagle's Nomination

2. Paul W. Williams
    - Mr. Williams has more than thirty years of financial experience working with companies in metro and rural Georgia, including his current service as Chief Financial Officer of Brickstream Corporation, and prior CFO and other executive positions at Harvest Advisors, Aldridge, Riverbrooke Capital Partners, Fairfield Financial Services, Colony Management Services, Community Bancshares, Bank Corporation of Georgia, Deloach & Company, and Howard, Moore & McDuffie. He is a licensed CPA, a former board member of the Georgia Society of CPAs, and former adjunct professor of accounting at Mercer University. Paul is a Magna Cum Laude graduate of the J. M. Tull School of Accounting from the University of Georgia and also a graduate of Middle Georgia College. Paul's involvement with Georgia's 4-H program and love of public education will serve him well if appointed as a member of the charter schools commission.

Speaker Ralston's Nomination

3. James E. Hogg
    - With more than 30 years in public education at every level from teacher to principal to RESA administrator to state department of education to technical college director, Jimmy's career demonstrates a deep commitment to working to achieve what is best for students. His experience as Interim Director for Charter Schools at the Georgia Department of Education, as well as his work with the Walton County Career Academy in his role as Athens Technical College Walton Campus Director, prepare him well for involvement in the creation of high quality charter schools as a state-level charter authorizer.

Information Technology Career Cluster
Embedded Computing
Course Number: 11.42700

Course Description:
The demand for programming (software development) has gone well beyond desktop computers and the web, into a ubiquitous world of personal devices, smart cars, intelligent factories, and even more. These systems interact with us directly, as well as with each other. This course will focus on the interaction of programming and devices, using data from various sensors and sources in order to make decisions, take actions, and more. A common industry term to describe this work is Internet of Things. Students will show first-hand how programming and machines interact to accomplish common and essential tasks throughout our society.

Embedded Computing is the third course in the Internet of Things pathway. Students enrolled in this course should have successfully completed Introduction to Digital Technology and Computer Science Principles. After mastery of the standards in this course, students should be prepared to earn an industry-recognized credential in this career area.

Course Standard 1

IT-EP-1
The following standard is included in all CTAE courses adopted for the Career Cluster/Pathways. Teachers should incorporate the elements of this standard into lesson plans during the course. The topics listed for each element of the standard may be addressed in differentiated instruction matching the content of each course. These elements may also be addressed with specific lessons from a variety of resources. This content is not to be treated as a unit or separate body of knowledge but rather integrated into class activities as applications of the concept.

Standard: Demonstrate employability skills required by business and industry.
The following elements should be integrated throughout the content of this course.
1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.

Person-to-Person Etiquette	Telephone and Email Etiquette	Cell Phone and Internet Etiquette	Communicating At Work	Listening
Interacting with Your Boss	Telephone Conversations	Using Blogs	Improving Communication Skills	Reasons, Benefits, and Barriers
Interacting with Subordinates	Barriers to Phone conversations	Using Social Media	Effective Oral Communication	Listening Strategies
Interacting with Co-workers	Making and Returning Calls		Effective Written Communication	Ways We Filter What We Hear
Interacting with Suppliers	Making Cold Calls		Effective Nonverbal Skills	Developing a Listening Attitude
	Handling Conference Calls		Effective Word Use	Show You Are Listening
	Handling Unsolicited Calls		Giving and Receiving Feedback	Asking Questions
				Obtaining Feedback
				Getting Others to Listen

Nonverbal Communication	Written Communication	Speaking	Applications and Effective Résumés
Communicating Nonverbally	Writing Documents	Using Language Carefully	Completing a Job Application
Reading Body Language and mixed Messages	Constructive Criticism in Writing	One-on-One Conversations	Writing a Cover Letter
Matching Verbal and Nonverbal communication		Small Group Communication	Things to Include in a Résumé
Improving Nonverbal Indicators		Large Group Communication	Selling Yourself in a Résumé
Nonverbal Feedback		Making Speeches	Terms to Use in a Résumé
Showing Confidence Nonverbally		Involving the Audience	Describing Your Job Strengths
Showing Assertiveness		Answering Questions	Organizing Your Résumé
		Visual and Media Aids	Writing an Electronic Résumé
		Errors in Presentation	Dressing Up Your Résumé

1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.

Teamwork and Problem Solving	Meeting Etiquette
Thinking Creatively	Preparation and Participation in Meetings
Taking Risks	Preparation and Participation in Meetings
Building Team Communication	Conducting Two-Person or Large Group Meetings
	Inviting and Introducing Speakers
	Facilitating Discussions and Closing
	Preparing Visual Aids
	Virtual Meetings

1.3 Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations.

Problem Solving	Customer Service	The Application Process	Interviewing Skills	Finding the Right Job
Transferable Job Skills	Gaining Trust and Interacting with Customers	Providing Information, Accuracy and Double Checking	Preparing for an Interview	Locating Jobs and Networking
Becoming a Problem Solver	Learning and Giving Customers What They Want	Online Application Process	Questions to Ask in an Interview	Job Shopping Online
Identifying a Problem	Keeping Customers Coming Back	Following Up After Submitting an Application	Things to Include in a Career Portfolio	Job Search Websites
Becoming a Critical Thinker	Seeing the Customer's Point	Effective Résumés:	Traits Employers are Seeking	Participation in Job Fairs
Managing	Selling Yourself and the Company	Matching Your Talents to a Job	Considerations Before Taking a Job	Searching the Classified Ads
	Handling Customer Complaints	When a Résumé Should be Used		Using Employment Agencies
	Strategies for Customer Service			Landing an Internship
				Staying Motivated to Search

1.4 Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.

Workplace Ethics	Personal Characteristics	Employer Expectations	Business Etiquette	Communicating at Work
Demonstrating Good Work Ethic	Demonstrating a Good Attitude	Behaviors Employers Expect	Language and Behavior	Handling Anger
Behaving Appropriately	Gaining and Showing Respect	Objectionable Behaviors	Keeping Information Confidential	Dealing with Difficult Coworkers
Maintaining Honesty	Demonstrating Responsibility	Establishing Credibility	Avoiding Gossip	Dealing with a Difficult Boss
Playing Fair	Showing Dependability	Demonstrating Your Skills	Appropriate Work Email	Dealing with Difficult Customers
Using Ethical Language	Being Courteous	Building Work Relationships	Cell Phone Etiquette	Dealing with Conflict
Showing Responsibility	Gaining Coworkers' Trust		Appropriate Work Texting	
Reducing Harassment	Persevering		Understanding Copyright	
Respecting Diversity	Handling Criticism		Social Networking	
Making Truthfulness a Habit	Showing Professionalism			
Leaving a Job Ethically				

1.5 Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills.

Expected Work Traits	Teamwork	Time Management
Demonstrating Responsibility	Teamwork Skills	Managing Time
Dealing with Information Overload	Reasons Companies Use Teams	Putting First Things First
Transferable Job Skills	Decisions Teams Make	Juggling Many Priorities
Managing Change	Team Responsibilities	Overcoming Procrastination
Adopting a New Technology	Problems That Affect Teams	Organizing Workspace and T=asks
	Expressing Yourself on a Team	Staying Organized
	Giving and Receiving Constructive Criticism	Finding More Time
		Managing Projects
		Prioritizing Personal and Work Life

1.6 Present a professional image through appearance, behavior and language.

On-the-Job Etiquette	Person-to-Person Etiquette	Communication Etiquette	Presenting Yourself
Using Professional Manners	Meeting Business Acquaintances	Creating a Good Impression	Looking Professional
Introducing People	Meeting People for the First Time	Keeping Phone Calls Professional	Dressing for Success
Appropriate Dress	Showing Politeness	Proper Use of Work Email	Showing a Professional Attitude
Business Meal Functions		Proper Use of Cell Phone	Using Good Posture
Behavior at Work Parties		Proper Use in Texting	Presenting Yourself to Associates
Behavior at Conventions			Accepting Criticism

International Etiquette			Demonstrating Leadership
Cross-Cultural Etiquette			
Working in a Cubicle			

Course Standard 2

IT-EP-2

Explain Embedded Computing (EC) and the Internet of Things (IoT).

- 2.1 Define the basic terminology of EC/IoT.
- 2.2 Create a glossary of basic EC/IoT terminology.
- 2.3 Compare and contrast microprocessors and microcontrollers.
- 2.4 Research and report on popular microcontrollers and EC/IoT platforms (e.g., Arduino, Raspberry Pi, spark.io, BASIC Stamp, Espruino, LightBlue Bean, LittleBits Arduino).

Course Standard 3

IT-EP-3

Demonstrate a working knowledge of basic networking protocols for industry, homes, and the internet including speed, power requirements, and popularity in industry and personal devices.

- 3.1 Compare and contrast Radio Frequency (RF) networking technologies, (e.g., Wi-Fi, bluetooth, BLE, Zigbee, Zwave) including speed, power requirements, and popularity in industry and personal devices.
- 3.2 Explain advantages and disadvantages of wireless networking compared to wired networking.
- 3.3 Demonstrate a working knowledge of serial networking technologies used by microcontrollers (e.g., I2C, RS-232, RS-422, RS-485, SPI, master/slave).

Course Standard 4

IT-EP-4

Develop and investigate interfacing circuits.

- 4.1 Explain the difference between a source and a sink.
- 4.2 Identify the differences between analog and digital circuits.
- 4.3 Describe the function of a pull-up resistor.
- 4.4 Calculate the current draw of series and parallel circuits.
- 4.5 Build an operational LED circuit with a switch to turn it on/off, giving examples of why this is helpful in an IoT scenario.
- 4.6 Research and report the current and voltage I/O limitations of the embedded platform/microcontroller used in the class.
- 4.7 Discuss the characteristics of digital input and output ports on a microcontroller.
- 4.8 Demonstrate an understanding of analog to digital (ADC) and digital to analog ports (DAC) on a microcontroller.

Course Standard 5

IT-EP-5

Classify and categorize multiple kinds of sensors.

5.1 Classify and explain examples of the following kinds of sensors: temperature, distance, light, sound, contact, pressure, position – GPS (Global Positioning System), encoders, potentiometer, gyro, and accelerometer.

5.2 Explain the basic functioning principles of the sensors above and their possible uses.

Course Standard 6

IT-EP-6

Manipulate, connect, and examine performance aspects of motors.

6.1 Demonstrate an understanding of stepper motors.

6.2 Explain how a servo motor operates.

6.3 Describe the operation of brushed motor controller.

6.4 Explain how a brushless motor controller works.

6.5 Demonstrate an understanding of pulse width modulation (PWM) control of motors.

6.6 Select the proper motor and controller for a given task, including exceptions that require a different action (if/then scenarios).

Course Standard 7

IT-EP-7

Investigate and draw connections within the context of programming as it relates to Embedded Computing/Internet of Things.

7.1 Identify and utilize popular programming languages used for EC/IoT applications.

7.2 Analyze the process of software development for an embedded application.

7.3 Compare and contrast interpreted and compiled applications.

7.4 Define real time programming and interrupt driven programming.

7.5 Analyze and explain when integer and floating point numbers are needed.

7.6 Design the use of a finite state machine using real-world examples (e.g. vending machines, assisted GPS on smartphones, various radio/connectivity states).

Course Standard 8

IT-EP-8

Interpret debugging techniques in hardware and software.

8.1 Gather, organize, and interpret data to identify simple bugs in EC/IoT applications.

8.2 Utilize proper methods for debugging, including systematically changing, then checking, one item at a time.

8.3 Evaluate the breakpoint, interrupt, main loop, event driven, and race condition in EC/IoT applications.

8.4 Prove how to debug an actual program using a debugging tool and explain the reasons behind the steps taken.

Course Standard 9

IT-EP-9

Compare, contrast, and utilize Cloud Service features.

- 9.1 Debate Security/Privacy concerns of EC/IoT applications.
- 9.2 Explore available cloud-based application program interfaces (APIs).
- 9.3 Develop an application that connects with one or more cloud-based services/storage solutions (e.g., Twitter, IFTTT [If This Then That], Dropbox, Google)

Course Standard 10

IT-EP-10

Design an embedded computing application that solves a current problem (e.g., robotics, artbotics, visual, and kinetic art).

- 10.1 Design, develop, and debug an embedded computing application interfacing to an external sensor, switch, LED, or other device.
- 10.2 Design, develop, and debug an external application on a PC or mobile device accessing data from a remote embedded computer.

Course Standard 11

IT-EP-11

Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects and competitive events.

- 11.1 Explain the goals, mission, and objectives of the career-technical student organization (CTSO).
- 11.2 Explore the impact and opportunities a student organization can develop to bring business and education together in a positive working relationship through innovative leadership and career development programs.
- 11.3 Explore the local, state, and national opportunities available to students through participation in related student organization including but not limited to conferences, competitions, community service, philanthropy, and other CTSO activities.
- 11.4 Explain how participation in career and technology education student organizations can promote lifelong responsibility for community service and professional development.
- 11.5 Explore the competitive events related to the content of this course and the required competencies, skills, and knowledge for each related event for individual, team, and chapter competitions.

Information Technology Career Cluster
Game Design: Animation and Simulation
Course Number: 11.42900

Course Description:
Students completing this course will gain an understanding of the fundamental principles used at every stage of the game creation process. First, game genres and modes of play are explored in terms of the psychology of incentives, motivation to play, and social networking. Next, virtual characters and non-player characters are reviewed from concept drawing to 2D and 3D art, rigging, and animation. Next, level design, storytelling, and animation are added to develop a virtual world around the characters. These same techniques are at work in training simulator systems, virtual shopping experiences, augmented reality, and a number of other important career options. Schools offering this program can provide a foundation of traditional drawing, illustration, and art courses to make way for the 2D and 3D animation, storytelling, character development, audio, and game technology.

Students taking this program are strongly encouraged to add an internship to their curriculum which will give them real world experience, understanding how the computer game industry works. Game Design: Animation and Simulation is the third course in the Game Design pathway. Students enrolled in this course should have successfully completed Introduction to Digital Technology and Computer Science Principles. After mastery of the standards in this course, students should be prepared to earn an industry-recognized credential in this career area.

Course Standard 1

IT-GDAS-1
The following standard is included in all CTAE courses adopted for the Career Cluster/Pathways. Teachers should incorporate the elements of this standard into lesson plans during the course. The topics listed for each element of the standard may be addressed in differentiated instruction matching the content of each course. These elements may also be addressed with specific lessons from a variety of resources. This content is not to be treated as a unit or separate body of knowledge but rather integrated into class activities as applications of the concept.

Standard: Demonstrate employability skills required by business and industry.
The following elements should be integrated throughout the content of this course.

1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.

Person-to-Person Etiquette	Telephone and Email Etiquette	Cell Phone and Internet Etiquette	Communicating At Work	Listening
Interacting with Your Boss	Telephone Conversations	Using Blogs	Improving Communication Skills	Reasons, Benefits, and Barriers
Interacting with Subordinates	Barriers to Phone conversations	Using Social Media	Effective Oral Communication	Listening Strategies
Interacting with Co-workers	Making and Returning Calls		Effective Written Communication	Ways We Filter What We Hear
Interacting with Suppliers	Making Cold Calls		Effective Nonverbal Skills	Developing a Listening Attitude

	Handling Conference Calls		Effective Word Use	Show You Are Listening
	Handling Unsolicited Calls		Giving and Receiving Feedback	Asking Questions
				Obtaining Feedback
				Getting Others to Listen

Nonverbal Communication	Written Communication	Speaking	Applications and Effective Résumés
Communicating Nonverbally	Writing Documents	Using Language Carefully	Completing a Job Application
Reading Body Language and mixed Messages	Constructive Criticism in Writing	One-on-One Conversations	Writing a Cover Letter
Matching Verbal and Nonverbal communication		Small Group Communication	Things to Include in a Résumé
Improving Nonverbal Indicators		Large Group Communication	Selling Yourself in a Résumé
Nonverbal Feedback		Making Speeches	Terms to Use in a Résumé
Showing Confidence Nonverbally		Involving the Audience	Describing Your Job Strengths
Showing Assertiveness		Answering Questions	Organizing Your Résumé
		Visual and Media Aids	Writing an Electronic Résumé
		Errors in Presentation	Dressing Up Your Résumé

1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.

Teamwork and Problem Solving	Meeting Etiquette
Thinking Creatively	Preparation and Participation in Meetings
Taking Risks	Preparation and Participation in Meetings
Building Team Communication	Conducting Two-Person or Large Group Meetings
	Inviting and Introducing Speakers
	Facilitating Discussions and Closing
	Preparing Visual Aids
	Virtual Meetings

1.3 Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations.

Problem Solving	Customer Service	The Application Process	Interviewing Skills	Finding the Right Job
Transferable Job Skills	Gaining Trust and Interacting with Customers	Providing Information, Accuracy and Double Checking	Preparing for an Interview	Locating Jobs and Networking
Becoming a Problem Solver	Learning and Giving Customers What They Want	Online Application Process	Questions to Ask in an Interview	Job Shopping Online
Identifying a Problem	Keeping Customers Coming Back	Following Up After Submitting an Application	Things to Include in a Career Portfolio	Job Search Websites
Becoming a Critical Thinker	Seeing the Customer's Point	Effective Résumés:	Traits Employers are Seeking	Participation in Job Fairs
Managing	Selling Yourself and the Company	Matching Your Talents to a Job	Considerations Before Taking a Job	Searching the Classified Ads

	Handling Customer Complaints	When a Résumé Should be Used		Using Employment Agencies
	Strategies for Customer Service			Landing an Internship
				Staying Motivated to Search

1.4 Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.

Workplace Ethics	Personal Characteristics	Employer Expectations	Business Etiquette	Communicating at Work
Demonstrating Good Work Ethic	Demonstrating a Good Attitude	Behaviors Employers Expect	Language and Behavior	Handling Anger
Behaving Appropriately	Gaining and Showing Respect	Objectionable Behaviors	Keeping Information Confidential	Dealing with Difficult Coworkers
Maintaining Honesty	Demonstrating Responsibility	Establishing Credibility	Avoiding Gossip	Dealing with a Difficult Boss
Playing Fair	Showing Dependability	Demonstrating Your Skills	Appropriate Work Email	Dealing with Difficult Customers
Using Ethical Language	Being Courteous	Building Work Relationships	Cell Phone Etiquette	Dealing with Conflict
Showing Responsibility	Gaining Coworkers' Trust		Appropriate Work Texting	
Reducing Harassment	Persevering		Understanding Copyright	
Respecting Diversity	Handling Criticism		Social Networking	
Making Truthfulness a Habit	Showing Professionalism			
Leaving a Job Ethically				

1.5 Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills.

Expected Work Traits	Teamwork	Time Management
Demonstrating Responsibility	Teamwork Skills	Managing Time
Dealing with Information Overload	Reasons Companies Use Teams	Putting First Things First
Transferable Job Skills	Decisions Teams Make	Juggling Many Priorities
Managing Change	Team Responsibilities	Overcoming Procrastination
Adopting a New Technology	Problems That Affect Teams	Organizing Workspace and Tasks
	Expressing Yourself on a Team	Staying Organized
	Giving and Receiving Constructive Criticism	Finding More Time
		Managing Projects
		Prioritizing Personal and Work Life

1.6 Present a professional image through appearance, behavior and language.

On-the-Job Etiquette	Person-to-Person Etiquette	Communication Etiquette	Presenting Yourself
Using Professional Manners	Meeting Business Acquaintances	Creating a Good Impression	Looking Professional
Introducing People	Meeting People for the First Time	Keeping Phone Calls Professional	Dressing for Success

Appropriate Dress	Showing Politeness	Proper Use of Work Email	Showing a Professional Attitude
Business Meal Functions		Proper Use of Cell Phone	Using Good Posture
Behavior at Work Parties		Proper Use in Texting	Presenting Yourself to Associates
Behavior at Conventions			Accepting Criticism
International Etiquette			Demonstrating Leadership
Cross-Cultural Etiquette			
Working in a Cubicle			

Course Standard 2

IT-GDAS-2

Demonstrate conceptual understanding of the game design process.

- 2.1 Identify the primary steps in the design process (e.g., conceptualize, prototype, test, analyze).
- 2.2 Evaluate basic gameplay from an existing game.
- 2.3 Compare and contrast the narratives in gameplay and explain how and when the storyline could pertain to game design.
- 2.4 Evaluate and describe various 2D & 3D, single & multi-user genre in games.
- 2.5 Plan and layout the steps needed to execute a team project, from skills to dependencies and parallelization of tasks.

Course Standard 3

IT-GDAS-3

Apply complex and abstract thinking to programming and scripting.

- 3.1 Introduce script binding, components, and prefabricated objects to projects.
- 3.2 Determine appropriate programming and scripting languages to create desired game mechanics, control the environment, user interface (UI), and gameplay.
- 3.3 Demonstrate an understanding of "if" and "switch" statements.
- 3.4 Demonstrate an understanding of states for game, player, item, and other objects in the game universe.
- 3.5 Demonstrate an understanding of loops to manage recurring events.
- 3.6 Retarget motion data and animation setups between character rigs.
- 3.7 Import and use Motion Capture (Mocap) data to drive character animation.
- 3.8 Demonstrate an understanding of Object Oriented Programming.
- 3.9 Demonstrate an understanding of the mathematical concepts, logic, and syntax of programming languages.
- 3.10 Compare and contrast game creation tools including scripting languages, extensibility, 2D/3D support and others.

Course Standard 4

IT-GDAS-4

Analyze and synthesize the relationship of mathematics to game design.

- 4.1 Use algebraic, geometric, and trigonometric relationships to define game object characteristics and properties as well as Heads-Up Display (HUD) interface placement and scaling.
- 4.2 Demonstrate functions of linear algebra and vector mathematics (dot product, cross product, quaternions, etc.) to determine character perspective and field of view.
- 4.3 Explain how quaternion calculations are used in video game development.
- 4.4 Apply mathematical concepts to interactive application and video game design.
- 4.5 Explain the use of collision geometry and "hit testing" for physics-based interactions and programming triggers.

Course Standard 5

IT-GDAS-5

Construct two-dimensional models using concepts of physics.

- 5.1 Explore the phenomena and apply Newtonian physics to static & dynamic systems for animation.
- 5.2 Explore mass, velocity, acceleration, torque, force, and other related measurements.
- 5.3 Use physics to create realistic motion of objects and characters (gravity, angular momentum, momentum, friction).
- 5.4 Apply the use of colliders and rigged bodies (kinesthetics).
- 5.5 Demonstrate a working knowledge of two dimensional digital bitmap art tools.
- 5.6 Demonstrate a working knowledge of two dimensional digital vector art tools.

Course Standard 6

IT-GDAS-6

Develop three-dimensional models, backgrounds, and scenes.

- 6.1 Create 3D Models with appropriate highlights and shading.
- 6.2 Determine the effect of various camera angles and emphasize perspective.
- 6.3 Demonstrate a working knowledge of 3D modeling & animation tools.

Course Standard 7

IT-GDAS-7

Analyze 2D/3D character animation and character controls.

- 7.1 Create character states, and transition between states when a specified event occurs.
- 7.2 Manipulate state-based animations and transitions.
- 7.3 Define volumes and entrance/exit events.
- 7.4 Create fire particle events, audio events, and object state events (e.g., inventory levels, timers).
- 7.5 Construct a 2D and 3D maze and maneuver through it in first and third person as a character.

Course Standard 8

IT-GDAS-8

Explain how to create an Augmented Reality experience.

- 8.1 Understand geo-location, geo-fencing principles, and location event models.
- 8.2 Understand and implement environmental events such as camera inputs, accelerometers, and audio inputs.
- 8.3 Create a map and navigation for UI (user interface) with transparent overlays superimposed on real world sensors.
- 8.4 Define how to create an Augmented Reality experience.
- 8.5 Create an asset to use in your Augmented Reality experience (e.g., 3D Model, Animation).

Course Standard 9

IT-GDAS-9

Design an augmented reality experience into a location-based game.

- 9.1 Use the assets created in Standard 8 and incorporate into a location based game.

Course Standard 10

IT-GDAS-10

Design and develop a game in teams.

- 10.1 Create a plan working with the skills of team members and the requirements of the game.
- 10.2 Develop a solid game – building, versioning, debugging, and optimization.
- 10.3 Create a hypothetical technology pipeline for an interactive application or video game project.

Course Standard 11

IT-GDAS-11

Deploy a student-team created game for beta testing.

- 11.1 Coordinate and produce a game that contains lighting and sound.
- 11.2 Demonstrate a working knowledge of video capture, editing, and post-processing tools.
- 11.3 Apply the correct graphic file formats and file interoperability.
- 11.4 Apply video file formats and file interoperability.
- 11.5 Apply audio file formats and file interoperability.
- 11.6 Use interactive and real-time editing within the game.
- 11.7 Deploy the game to a mobile device for testing and peer review.

Course Standard 12

VSAG-IDM-12

Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects and competitive events.

12.1 Explain the goals, mission, and objectives of the career-technical student organization (CTSO).

12.2 Explore the impact and opportunities a student organization can develop to bring business and education together in a positive working relationship through innovative leadership and career development programs.

12.3 Explore the local, state, and national opportunities available to students through participation in related student organization including but not limited to conferences, competitions, community service, philanthropy, and other CTSO activities.

12.4 Explain how participation in career and technology education student organizations can promote lifelong responsibility for community service and professional development.

12.5 Explore the competitive events related to the content of this course and the required competencies, skills, and knowledge for each related event for individual, team, and chapter competitions.

DRAFT

Information Technology Career Cluster
Web Development
Course Number: 11.42500

Course Description:
This course, with Hypertext Markup Language (HTML) and Cascading Style Sheet (CSS) as its foundation, will teach students to develop and design responsive web sites through coding, testing, debugging and implementation of web-based services. This course will also allow students to learn about content management systems, client side languages, server side languages, and database concepts. The course is designed to give students foundational knowledge of "front-end" and "back-end" development to address the presentation and data access layers of web site development.

Web Development is the third course in the Web Development pathway. Students enrolled in this course should have successfully completed Introduction to Digital Technology and Computer Science Principles. After mastery of the standards in this course, students should be prepared to earn an industry-recognized credential in this career area.

Course Standard 1

IT-WDEV-1
The following elements should be integrated throughout the content of this course.
The following standard is included in all CTAE courses adopted for the Career Cluster/Pathways. Teachers should incorporate the elements of this standard into lesson plans during the course. The topics listed for each element of the standard may be addressed in differentiated instruction matching the content of each course. These elements may also be addressed with specific lessons from a variety of resources. This content is not to be treated as a unit or separate body of knowledge but rather integrated into class activities as applications of the concept.

Standard: Demonstrate employability skills required by business and industry.
The following elements should be integrated throughout the content of this course.
1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.

Person-to-Person Etiquette	Telephone and Email Etiquette	Cell Phone and Internet Etiquette	Communicating At Work	Listening
Interacting with Your Boss	Telephone Conversations	Using Blogs	Improving Communication Skills	Reasons, Benefits, and Barriers
Interacting with Subordinates	Barriers to Phone conversations	Using Social Media	Effective Oral Communication	Listening Strategies
Interacting with Co-workers	Making and Returning Calls		Effective Written Communication	Ways We Filter What We Hear
Interacting with Suppliers	Making Cold Calls		Effective Nonverbal Skills	Developing a Listening Attitude
	Handling Conference Calls		Effective Word Use	Show You Are Listening
	Handling Unsolicited Calls		Giving and Receiving Feedback	Asking Questions
				Obtaining Feedback
				Getting Others to Listen

Nonverbal Communication	Written Communication	Speaking	Applications and Effective Résumés
Communicating Nonverbally	Writing Documents	Using Language Carefully	Completing a Job Application
Reading Body Language and mixed Messages	Constructive Criticism in Writing	One-on-One Conversations	Writing a Cover Letter
Matching Verbal and Nonverbal communication		Small Group Communication	Things to Include in a Résumé
Improving Nonverbal Indicators		Large Group Communication	Selling Yourself in a Résumé
Nonverbal Feedback		Making Speeches	Terms to Use in a Résumé
Showing Confidence Nonverbally		Involving the Audience	Describing Your Job Strengths
Showing Assertiveness		Answering Questions	Organizing Your Résumé
		Visual and Media Aids	Writing an Electronic Résumé
		Errors in Presentation	Dressing Up Your Résumé

1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.

Teamwork and Problem Solving	Meeting Etiquette
Thinking Creatively	Preparation and Participation in Meetings
Taking Risks	Preparation and Participation in Meetings
Building Team Communication	Conducting Two-Person or Large Group Meetings
	Inviting and Introducing Speakers
	Facilitating Discussions and Closing
	Preparing Visual Aids
	Virtual Meetings

1.3 Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations.

Problem Solving	Customer Service	The Application Process	Interviewing Skills	Finding the Right Job
Transferable Job Skills	Gaining Trust and Interacting with Customers	Providing Information, Accuracy and Double Checking	Preparing for an Interview	Locating Jobs and Networking
Becoming a Problem Solver	Learning and Giving Customers What They Want	Online Application Process	Questions to Ask in an Interview	Job Shopping Online
Identifying a Problem	Keeping Customers Coming Back	Following Up After Submitting an Application	Things to Include in a Career Portfolio	Job Search Websites
Becoming a Critical Thinker	Seeing the Customer's Point	Effective Résumés:	Traits Employers are Seeking	Participation in Job Fairs
Managing	Selling Yourself and the Company	Matching Your Talents to a Job	Considerations Before Taking a Job	Searching the Classified Ads
	Handling Customer Complaints	When a Résumé Should be Used		Using Employment Agencies
	Strategies for Customer Service			Landing an Internship
				Staying Motivated to Search

1.4 Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.

Workplace Ethics	Personal Characteristics	Employer Expectations	Business Etiquette	Communicating at Work
Demonstrating Good Work Ethic	Demonstrating a Good Attitude	Behaviors Employers Expect	Language and Behavior	Handling Anger
Behaving Appropriately	Gaining and Showing Respect	Objectionable Behaviors	Keeping Information Confidential	Dealing with Difficult Coworkers
Maintaining Honesty	Demonstrating Responsibility	Establishing Credibility	Avoiding Gossip	Dealing with a Difficult Boss
Playing Fair	Showing Dependability	Demonstrating Your Skills	Appropriate Work Email	Dealing with Difficult Customers
Using Ethical Language	Being Courteous	Building Work Relationships	Cell Phone Etiquette	Dealing with Conflict
Showing Responsibility	Gaining Coworkers' Trust		Appropriate Work Texting	
Reducing Harassment	Persevering		Understanding Copyright	
Respecting Diversity	Handling Criticism		Social Networking	
Making Truthfulness a Habit	Showing Professionalism			
Leaving a Job Ethically				

1.5 Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills.

Expected Work Traits	Teamwork	Time Management
Demonstrating Responsibility	Teamwork Skills	Managing Time
Dealing with Information Overload	Reasons Companies Use Teams	Putting First Things First
Transferable Job Skills	Decisions Teams Make	Juggling Many Priorities
Managing Change	Team Responsibilities	Overcoming Procrastination
Adopting a New Technology	Problems That Affect Teams	Organizing Workspace and Tasks
	Expressing Yourself on a Team	Staying Organized
	Giving and Receiving Constructive Criticism	Finding More Time
		Managing Projects
		Prioritizing Personal and Work Life

1.6 Present a professional image through appearance, behavior and language.

On-the-Job Etiquette	Person-to-Person Etiquette	Communication Etiquette	Presenting Yourself
Using Professional Manners	Meeting Business Acquaintances	Creating a Good Impression	Looking Professional
Introducing People	Meeting People for the First Time	Keeping Phone Calls Professional	Dressing for Success
Appropriate Dress	Showing Politeness	Proper Use of Work Email	Showing a Professional Attitude
Business Meal Functions		Proper Use of Cell Phone	Using Good Posture
Behavior at Work Parties		Proper Use in Texting	Presenting Yourself to Associates
Behavior at Conventions			Accepting Criticism

International Etiquette			Demonstrating Leadership
Cross-Cultural Etiquette			
Working in a Cubicle			

Course Standard 2

IT-WDEV-2

Develop a web page using Hypertext Markup Language (HTML) and Cascading Style Sheet (CSS).

2.1 Explore the historical significance and progression of web design/development languages (e.g., HTML, CSS, HTML5, and JavaScript).
2.2 Distinguish between CSS and HTML.
2.3 Demonstrate knowledge of HTML5 elements.
2.4 Build a website using tags rather than tables.
2.5 Evaluate various HTML and CSS frameworks (e.g., HTML5 boilerplate, Bootstrap, Foundation or others).
2.6 Analyze pros and cons of using a HTML and CSS frameworks.
2.7 Demonstrate the difference between a class versus ID.
2.8 Apply selector, property, and value using HTML5.
2.9 Investigate the pros and cons of using inline styles.
2.10 Compare the pros and cons of pixels versus em.
2.11 Differentiate between margin and padding.
2.12 Apply appropriate positioning to items on a web page.
2.13 Evaluate compatibility issues for browsers/browser versions and demonstrate ways to overcome those issues.

Course Standard 3

IT-WDEV-3

Apply concepts of JavaScript to web page development.

3.1 Understand scripting in JavaScript and how it applies to web page development.
3.2 Demonstrate how JavaScript can enhance a project.
3.3 Compare the pros and cons of using various JavaScript libraries (e.g., jQuery, Prototype, MooTools).
3.4 Distinguish between variables and functions in writing JavaScript.
3.5 Explore different causes of JavaScript security, including Cross site scripting (XSS) and the problems with using eval( ).
3.6 Create code from design mockup.

Course Standard 4

IT-WDEV-4

Create a single functional webpage based on a design mockup and user requirements, perhaps a résumé (Client Side Languages).

4.1 Generate HTML that incorporates major formatting tags as well as mixed media assets.
4.2 Utilize CSS to achieve different visual looks for a webpage without modifying the underlying html.
4.3 Build a styled HTML page implementing a form that incorporates JavaScript checking and interacts with the data provided.

4.4 Implement a third party JavaScript tool and explain how it works and what it does.
4.5 Write code that is compatible across a given set of web browsers and versions (most notably Internet Explorer (IE), Chrome, Firefox, and Safari).
4.6 Demonstrate ability to apply security principles to HTML and JavaScript.
4.7 Evaluate the selection and use of software libraries in building client facing portions of the webpage (e.g., HTML5 Boilerplate, Bootstrap, Foundation, jQuery, Angular).

Course Standard 5

IT-WDEV-5
Explain the components needed to develop a dynamic website (Web Development Stack).

5.1 Explain the role of the web server in the development stack.
5.2 Explain the role of the database in the development stack.
5.3 Explain the role of the server side language in the development stack.
5.4 Debate the appropriate web stack for a given problem set.
5.5 Demonstrate security mitigation techniques that can be addressed at each level of the development stack.

Course Standard 6

IT-WDEV-6
Use a server side language to build a multi-page website incorporating a web form, at least two templates with shared portions, and data-driven home page (Server Side Languages).

6.1 Explore the history of common server side languages (e.g., Ruby On Rails, PHP or others).
6.2 Explain the differences in server side languages in terms of syntax and function.
6.3 Debate the merits and use of software design patterns as it relates to a dynamic web site.
6.4 Build a server script demonstrating language control structures and mathematical computations.
6.5 Build a script demonstrating data storage using cookies, sessions, a database, and file storage.
6.6 Write code to perform a file upload and validate the uploaded file against given business rules.
6.7 Incorporate a third party library into a script and explain what it does and how it works.
6.8 Explain how a third party library was chosen if multiple libraries with the same purpose are available.
6.9 Install and configure a Content Management Systems (CMS).
6.10 Demonstrate ability to apply security principles to Server Side Code as it relates to data storage and display.
6.11 Explain at least one website attack vector and how to mitigate the risk of that attack.

Course Standard 7

IT-WDEV-7

Utilize on-page Search Engine Optimization (SEO) throughout a website.

- 7.1 Apply responsive design and development.
- 7.2 Understand search engine crawlers, such as Google, Bing, Yahoo!, and Baidu, in regards to crawling, indexing and ranking of webpages.
- 7.3 Master and apply effective use of meta-tags in HTML head of each webpage of a site (title tag, description tag, and keywords tag) and the URL file name.
- 7.4 Understand image optimization of .jpeg, .gif and .png (compressing, <img> html tag).
- 7.5 Plan and employ an internal link strategy of a site.
- 7.6 Research search engine algorithms, how frequently they are updated, and how they impact a site's ranking.
- 7.7 Comprehend and apply best practice techniques for keywords and keywords research.
- 7.8 Apply semantic markup to every page of a site (effectively using H1, H2, H3, paragraph, and list tags).
- 7.9 Demonstrate how semantic markup impacts a site's architecture, web coding, usability and display flexibility.
- 7.10 Examine basic SEO tools such as Google Search Console (formerly Google Webmaster Tools) Bing Webmaster Tools, and Google Analytics.

Course Standard 8

IT-WDEV-8

Apply concepts involved in the software development life cycle (SDLC) as it pertains to web development.

- 8.1 Explain the different steps of SDLC (Plan, Analyze, Design, Develop, and Implement Maintain).
- 8.2 Research and describe the different types of collaboration platforms used in web development (e.g., GITHub, Apache Subversion (SVN) or others).

Course Standard 9

IT-WDEV-9

Ensure websites meet all special considerations and are in compliance with industry and government regulations.

- 9.1 Explain what encryption (https) is and under what circumstances it would be appropriate to implement on a website.
- 9.2 Research and explain a specialized web compliance practice based on a governmental or industry guideline - Payment Card Industry (PCI), Section 508, American Disability Act (ADA), etc.
- 9.3 Explain how security could differ between an application on the internet vs. an intranet.
- 9.4 Determine the fault involved in a data breach and research types of protections pertinent for a particular website.
- 9.5 Explore principles of e-commerce as they apply to web development, mobile devices, banking, and government regulations.

Course Standard 10

IT-WDEV-10

Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects and competitive events.

10.1 Explain the goals, mission, and objectives of the career-technical student organization (CTSO).

10.2 Explore the impact and opportunities a student organization can develop to bring business and education together in a positive working relationship through innovative leadership and career development programs.

10.3 Explore the local, state, and national opportunities available to students through participation in related student organization including but not limited to conferences, competitions, community service, philanthropy, and other CTSO activities.

10.4 Explain how participation in career and technology education student organizations can promote lifelong responsibility for community service and professional development.

10.5 Explore the competitive events related to the content of this course and the required competencies, skills, and knowledge for each related event for individual, team, and chapter competitions.

DRAFT

The State Board of Education recommended the following officers to serve during the 2016 term:

Chair - Mike Royal

Vice Chair- Lisa Kinnemore

Vice Chair for Appeals- Kevin Boyd

Georgia Department of Education

Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

Georgia Department of Education
Item for State Board of Education Approval
– Other –

Item Name

SBOE- Election of 2016 SBOE Officers

Recommendation – Action Item

It is recommended that the State Board of Education vote to accept the proposed slate of officers in accordance with the bylaws to establish internal leadership.

Details

The SBOE shall have the following officers:

Chair (O.C.G.A. § 20-2-5.2)- **Mike Royal**
Vice Chair- **Lisa Kinnemore**
Vice Chair for Appeals- **Kevin Boyd**

Budget History (minimum of three years): N/A
Performance, Criteria, and Results: N/A

Summary

Powers and Duties of Officers.

Chair. The chair shall preside at all meetings of the SBOE (O.C.G.A. §20-2-5.2). He or she shall select the parliamentarian for the SBOE, appoint board members to committees, and assign to members of the board such special responsibilities as may, from time to time, be necessary. He or she shall sign for the state board such documents as may require such signature. The chair of the SBOE shall serve as a member of boards and commissions, as specified by state law. When voting, the chair shall have the right, as any other board member, to vote or abstain.

Vice Chair. In the absence of the chair, the vice chair shall preside at meetings of the state board on a temporary or permanent basis and shall perform those duties usually performed by the chair. In the event of a vacancy of the chair, the vice chair shall assume the duties and responsibilities of the chair until such time as a new chair has been elected by the SBOE.

Vice Chair for Appeals. The vice chair for appeals may preside during consideration of appeals before the SBOE and shall ensure that the ruling on such appeals is pursuant to the respective appeal procedures specified in SBOE rules. It shall be the responsibility of the vice chair for appeals to review draft rulings proposed in connection with such appeals and to make a preliminary report to the SBOE on the points at issue in advance of the board meeting at which the appeal is to be considered. He or she may request assistance from the Georgia Attorney General in familiarizing state board members with the points at issue. The vice chair for appeals shall preside at meetings of the SBOE in the absence of the chair and the vice chair.