



Technology in Chico Unified

Presented to the CUSD Board of Trustees

May 4th, 2022

Overview: Uses of Technology in Chico Unified

- Technology for Students
 - College and Career Readiness
 - Access to Curriculum
 - Research
 - Assessment
 - 88,589 Educational Websites Visited Through January 2022
- Technology for Staff
 - Monitor for Student Safety
 - Learning Management
 - Student Data Analysis
 - Teaching Tools
 - Communication

Cybersecurity

*Creating a Safe
Place for Our
Students and Data*

- Chico High Class Showcase
- District Level Security
 - FBI Presentation - *Tentative*
 - Executech Presentation
 - Protective Systems
 - Future
- Classroom and Student Level Security
 - Protective Systems
 - Securly

Chico High Class Showcase



- Jonathan Andrews, *Teacher Chico High Industrial Technology*
 - Mayor's Cybersecurity Cup
 - Robotics
 - SkillsUSA



Chico High: Mayor's Cybersecurity Cup



Chico High: Robotics



Chico High: SkillsUSA



Chico High: SkillsUSA



District Level Security: FBI Presentation



- Current and future cyber threats



District Level Security: Executech Presentation



Braun Martin, *Senior Practice Director Executech*
(*Cybersecurity Consulting Firm*)

- Status of our protective systems
- Cybersecurity upgrades



District Level: Protective Systems

- Passwords
 - Complex and changed regularly
- Fake Phishing Email Campaign
 - Phishing is a common strategy by hackers to gain access to a network
- Multi-Factor Authentication (MFA)
 - Requires users to identify themselves on their phone in order to log in
- California Student Data Privacy Alliance
 - [Chico Unified List of Vendors](#)

Classroom and Individual Security:



- Butte County Office of Education (BCOE) Internet Filter
- Google Management Console
 - Chromebook and Google accounts
 - Limits installations
- Student Email Lockdown
 - Students can only communicate with CUSD email and approved addresses
- Windows Workstation Lockdown
 - Limits installations, network access

Classroom and Individual Security: Securly



- Security Internet Filter

- Limits gaming sites and blocks social media and adult sites



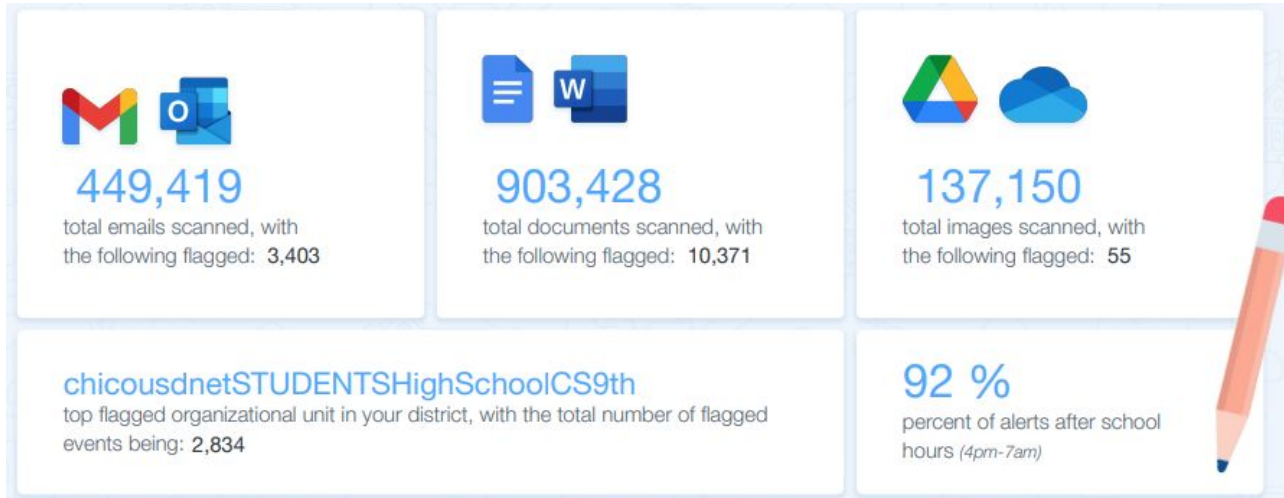
As of January 2022



Classroom and Individual Security: Securly



- Securly Auditor
 - Automated
 - Alerts staff of at-risk online behavior

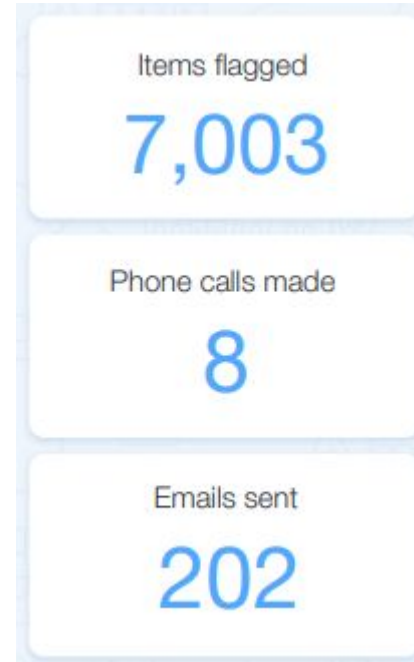


As of January 2022

Classroom and Individual Security: Securly



- Securly 24
 - More serious threats to student safety
 - Monitored by trained risk analysts
 - Phone calls to police directly



As of January 2022

Technology in the Classroom

*Utilizing Modern
Tools to Facilitate
Learning*

- Digital Curriculum
- Social-Emotional Support and Surveys
- Assessment
- Hardware in the Classroom
- Classroom Management
- College and Career Readiness

Digital Curriculum



- Embedded tools and instructional strategies that align with Universal Design for Learning (e.g. Lexia, textbook adoptions, IXL, Discovery Education)

A screenshot of a video player interface. At the top, there is a dark navigation bar with the "Video Player" logo on the left, a search bar in the center, and "All Results" with a dropdown arrow on the right. Below the navigation bar, the main content area has a white background. The title "Constitution Day 2016 Virtual Field Trip" is prominently displayed. Underneath the title, there are filters for "Grade" with buttons for "K-2", "3-5", "6-8", and "9-12", and a link for "Curriculum Standards". The video player itself shows a scene with two people: a woman on the left and a man on the right, both looking towards each other. To the right of the video player is a vertical sidebar with several interactive buttons: "Build an Activity" (blue), "Assign" (blue), "Share" (blue), "Add to QuickList" (blue), and "Save to My Content" (blue). A yellow "Help" button is also visible at the bottom of this sidebar. At the very bottom of the screenshot, a Windows taskbar is visible with various icons and the time "11:18 AM" on the right.

Social-emotional Surveys and Services



- Multiple student surveys administered throughout the school year at all levels to identify student perceptions of topics including, but not limited to:
 - physical and emotional safety
 - sense of belonging
 - mental health
- Students have multiple ways to request support services via surveys and links that connect them directly to counseling staff

Assessment



- Progress monitoring
- District Common Assessments (e.g. Star Reading, Illuminate, Smarter Balanced Interims)
- Classroom-based assessments
- State Assessments (California Assessment of Student Performance and Progress (CAASPP), English Language Proficiency Assessments for California (ELPAC), and Physical Fitness Testing (PFT))
- Advanced Placement (AP) Tests

RENAISSANCE™ Star Growth Report
Star Reading
Generated Apr 27, 2022, 10:11

School: [dropdown] Teacher: [dropdown] Starting Reporting Period: Fall 2021-2022 Ending Reporting Period: Winter 2021-2022 Demographics: All Demographics Scale: Star Enterprise Scale Benchmark Type: District

Score Definitions
SGP: Student Growth Percentile [?] GE: Grade Equivalent [?] NCE: Normal Curve Equivalent [?] EST. ORF: Estimated Oral Reading Fluency [?]
SS: Scaled Score [?] PR: Percentile Rank [?] IRL: Instructional Reading Level [?]

District Benchmark Categories
Star Reading
Urgent Intervention Intervention On Watch At/Above Benchmark

Star Reading

Student	Growth Proficiency Category	SGP (Exp. = 50)	Test Date	Test Duration	SS	GE	PR	NCE	IRL	EST. ORF
[Student]	High Growth, Low Proficiency	91	05/13/21	12:54	194	2.0	5	15.4	1.3	51
			08/19/21	18:18	261	2.6	9	21.8	2.1	60
	High Growth, Low Proficiency	91	01/06/22	20:33	398	3.6	28	37.7	3.4	93
			Latest Change	137	1.0	19	15.9	1.3	33	
[Student]	High Growth, Low Proficiency	91	10/26/21	04:51	77	0.8	1	1	PP	17
			01/06/22	15:50	246	2.4	5	15.4	1.9	56
			Latest Change	169	1.6	4	14.4	2.9	39	

Diagnostic Growth

School: EMMA WILSON ELEMENTARY SCHOOL
Subject: Math
Teacher: [dropdown]
Class/Report Group: [dropdown]
Comparison Diagnostic: Most Recent

Progress to Annual Typical Growth (Median)
24 students assessed
58% (50% to 100%)

The median percent progress towards Typical Growth for this group is 58%. Typical Growth is the average annual growth for a student in their grade and baseline placement level.

Current Placement Distribution

Category	Count	Percentage
Mid or Above Grade Level	5	21% (From 8%)
Early On Grade Level	13	54% (From 46%)
One Grade Level Below	3	13% (From 4%)
Two Grade Levels Below	3	13% (From 42%)
Three or More Grade Levels Below	0	0% (From 0%)
Not Completed	0	0% (From 0%)



Hardware in the Classroom

- **Chromebooks**
 - Four-Year Cycle - average of 3,500 purchased per year
 - Over 20,000 currently being managed
 - Balance of price/performance
- **ViewSonic Touch Screen TVs**
 - Installed in every classroom
- **Staff Laptops**
 - HP Elitebooks laptop/tablet for all teachers
- **Document Cameras**

Classroom Management: Google Classroom



- Teachers can assign work
- Students can complete and submit work
- Grading
- Curriculum and assessment links posted for students

Classroom Management: GoGuardian



Teachers Functionality

- Additional website filtering available
- Teachers can receive off-task alerts when a student is on a website not related to the subject
- Teachers can chat directly with students during class

A screenshot of the GoGuardian web interface. On the left is a dark sidebar with the GoGuardian logo and navigation options: Teacher, Classrooms, Scenes, Calendar, Student Reports, and Help. The main content area shows a "7th Grade Science" session with "45 mins remaining". Below this are tabs for Screens, Timelines, Snapshots, and Call Students. A grid of student activity thumbnails is displayed, including one for Baran Mendoza showing an "Adaptive Learning Platform | Learning Games | Sumdog" page. Other thumbnails show "STUDENT OFFLINE" for Afshin Rocha, Diane Andrews, Jackson Garber, and Jeff Harris. The interface also includes a "Select students" dropdown, a "Sort By: First Name" dropdown, and toggle switches for "Chat" (OFF) and "Off-Task Alerts" (ON).

College and Career Readiness



- College
 - Dependent on technology for all parts of the college experience. Students are given computer portal access for: calendars, class requests, financial aid, assignments, course catalogues, collaboration/communication, physical safety concerns, etc.
- Career
 - Recruitment and job-seeking is done online
 - Basic computer skills are present in the vast majority of job descriptions
 - Our job market continues to change and be more dependent on technology
 - Higher level tech skills are highly marketable

Chico Unified Mission



The mission of the Chico Unified School District, a partnership of students, staff, families and community, is to ensure all students achieve high levels of academic and personal success, contribute to their community and **confidently participate in a changing global society** by engaging in quality educational programs that address diverse student needs and promote learning throughout life.



Questions