

North Carolina Personalized Assessment Tool (NCPAT) Update

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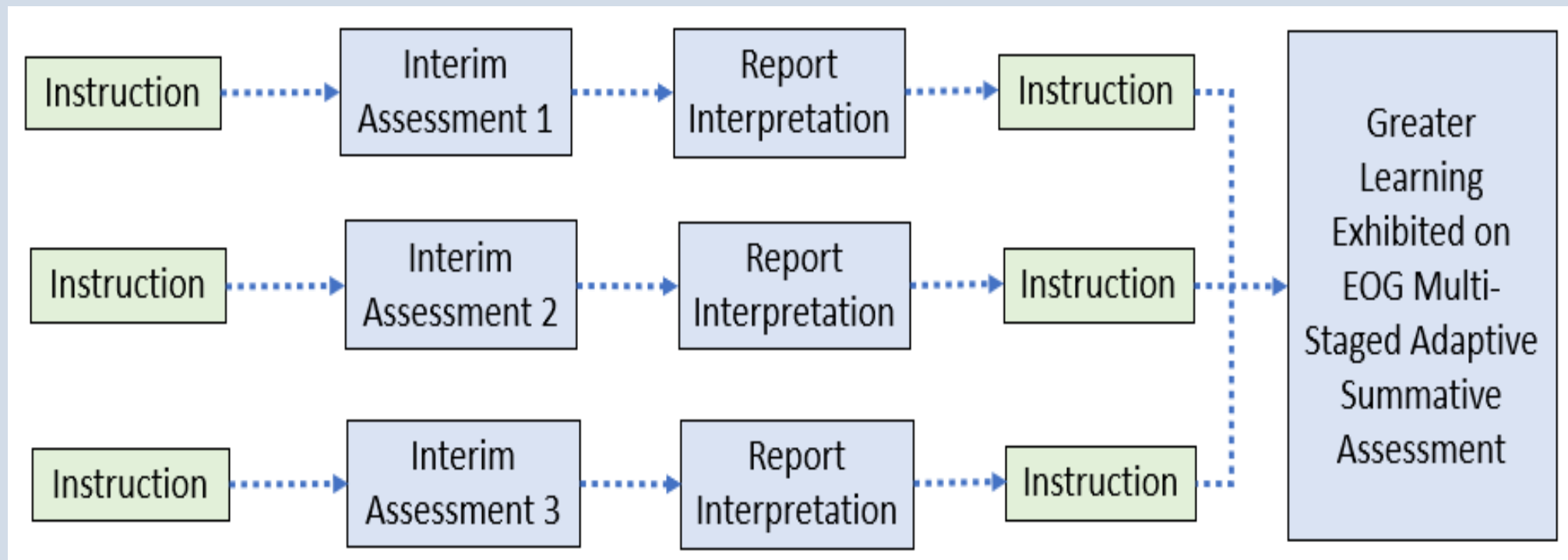


Innovative Assessment

- In June 2019, the U.S. Department of Education (USED) granted an Innovative Assessment Demonstration Authority (IADA) to North Carolina.
- North Carolina General Assembly Session Law 2019-212 (SB 621) states, “It is the intent of the General Assembly that the State **move toward** a through-grade assessment model, in which the State-mandated assessments are administered in multiple short testing events throughout the school year rather than a single long testing event at the end of the year.”



North Carolina Personalized Assessment Tool (NCPAT)



NC CHECK-INS 2.0 Formative Evaluation Report: *National Center for the Improvement of Educational Assessment, August 2023*



NCPAT: NC Check-Ins 2.0

- NC Check-Ins 2.0 are the through-grade component of the NCPAT balanced assessment system.
- Three interims available for classroom use throughout the school year
 - Reading assesses a sampling of same content standards as EOG
 - Mathematics assesses a subset of content standards each interim
- Provide immediate formative feedback data to support instruction (primary purpose)
 - Online reporting and review forms are available to teachers the next day
 - Teachers can review test items and individual student responses
 - Interim results are not used for accountability



NCPAT: NC Check-Ins 2.0

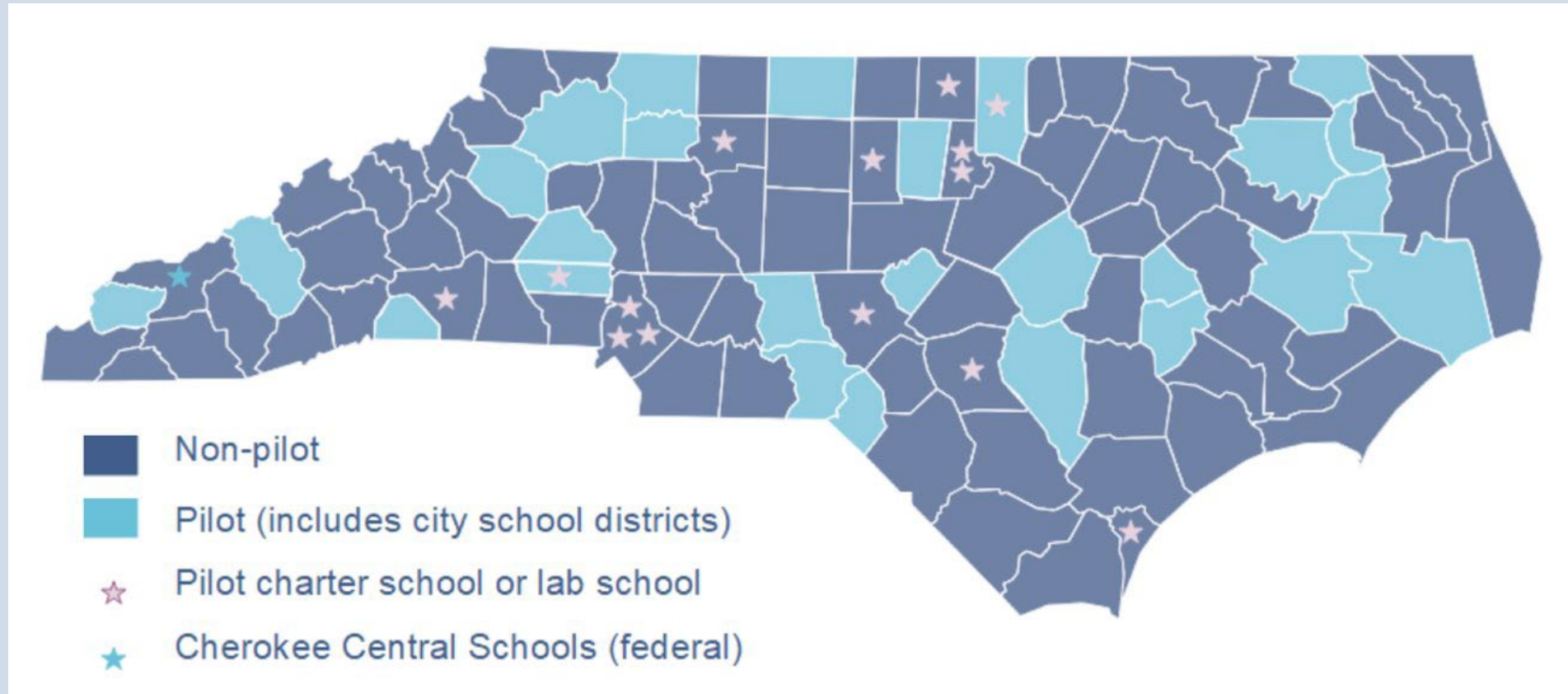
Statewide Participation

Subject	Grade	2022–23 NC Check-Ins 2.0 (Percentage of Students)		
		Form A	Form B	Form C
Reading	3	52%	59%	59%
	4	59%	64%	62%
	5	60%	64%	62%
	6	57%	58%	57%
	7	58%	60%	57%
	8	58%	59%	57%
Math	3	58%	61%	58%
	4	59%	63%	59%
	5	59%	63%	59%
	6	58%	58%	54%
	7	59%	59%	53%
	8	55%	59%	54%



2022–23 Pilot Volunteers

- 189 schools across 27 districts, 14 charter and lab schools, and Cherokee Central Schools



NCPAT: Multi-staged Adaptive EOG

- The redesigned EOG is the accountability component of the NCPAT through-grade system. It was administered as a pilot (grades 4 and 7 reading and mathematics) to a volunteer sample of schools across the state in Spring of 2023.
- Key characteristics about this version of the EOG are:
 - Same test content blueprint and standards as measured on the current EOG
 - Same test format and test length
 - Same score scale and academic achievement levels as reported on the current EOG
 - Same expectations for student performance as on the current EOG
 - Same online test administration platform



NCPAT: Multi-staged Adaptive EOG

- New design features of the EOG are:
 - Updating from parallel/equivalent forms to multi-staged adaptive forms that are designed to maximize precision at different points on the EOG scale.
 - Moving from randomly assigning forms to using scores, when available, from NC Check-Ins 2.0 through a statistical process to assign students to most informative multi-staged form.
 - Student's assigned EOG form does not make it easier or harder to demonstrate proficiency.
 - All forms measure the full range of achievement levels but at varying **acceptable** reliabilities.

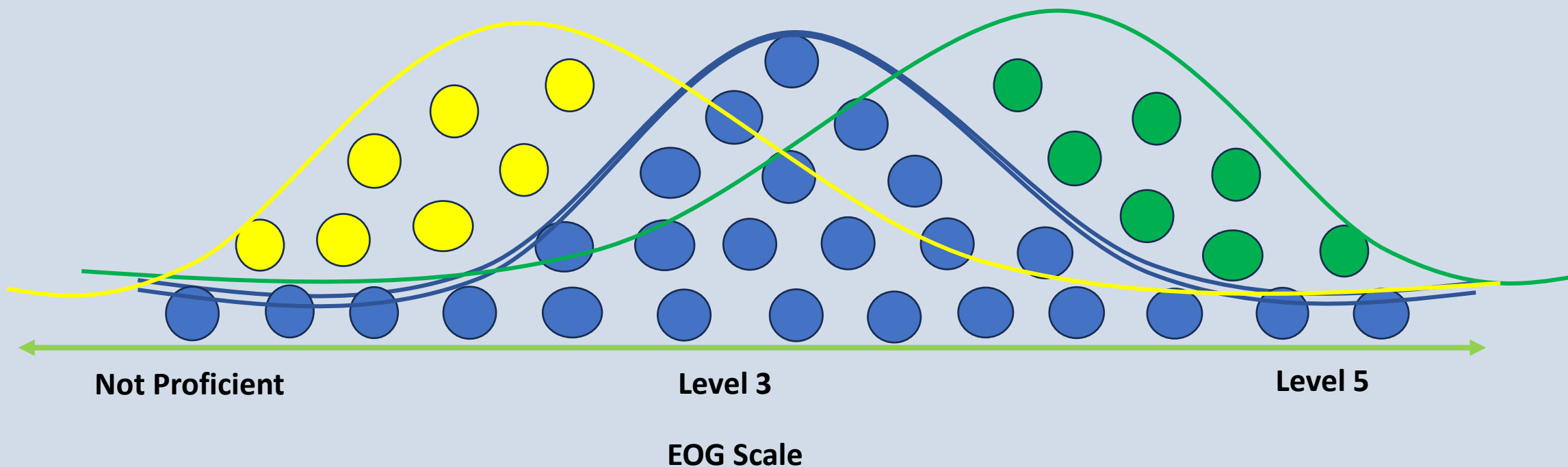


NCPAT: Multi-staged Adaptive EOG

- Key advantages of the redesigned EOG are :
 - Increase in the breadth and depth of items administered in the EOG without adding to the total items for each student.
 - Improvement in test experience for all students particularly those at the top and bottom end of the achievement scale as each test form is adapted to be most informative at different ability ranges along the scale.
 - The through-grade component allows for a reliable connection between student performance and classroom activity throughout the year with end-of-year performance on the EOG.



NCPAT: Multi-staged Adaptive EOG



Design Validation and Technical Review

- The Friday Institute for Educational Innovation surveys and conducts focus groups with teachers and principals to inform data usage, report design, professional development, and fidelity of the interim administrations.
- The National Center for Improvement of Educational Assessment serves as an external evaluator, and similar to the Friday Institute for Educational Innovation, gathered feedback from teachers and principals.



NC Technical Advisors Review

- During the two-day September 18th and 19th NC Technical Advisor (NCTA) meeting, members reviewed technical data on all components of the NCPAT system including feedback gathered on how NCPAT is being implemented in pilot schools.
- UNC-Greensboro Office of Assessment, Evaluation, and Research and NCDPI psychometric teams presented a comprehensive technical review of data from the multistage adaptive forms administered at pilot schools in Spring 2023.
- The Friday Institute presented feedback gathered throughout the year from onsite observations at selected pilot schools including surveys of teachers, principals and parents about their overall experience with how the NCPAT was being implemented and support provided by NCDPI.
- The National Center for Improvement of Educational Assessment, presented and reviewed findings from their external evaluation of the NCPAT system which also included feedback from educators and teachers.



NC Technical Advisors Review

- Following review of the NCPAT data and feedback from participating educators the NCTA agreed NCPDI can move forward with plans to scale up the system.
 - Recommended statewide implementation for grades 4, 5, 7, and 8 in reading and mathematics (2023–24 school year)
 - Recommended thorough communication plan to continue to ensure teachers and principals have the information necessary to implement the NCPAT with fidelity.



Next Steps

- Submit annual reports to the U.S. Department of Education by September 30 and to the North Carolina General Assembly by November 15.
- Provide on-going communication to educators
 - NC Check-Ins 2.0 continue to be optional (local decision)
 - Continue to gather feedback from PSUs on how to best assist with implementation and communication around updates on EOG
 - Provide FAQ, webinars, and office hours to address any questions or requests for additional information

QUESTIONS

