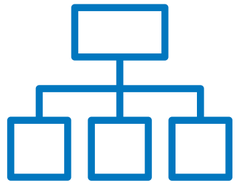
Student Academic Achievement Presentation

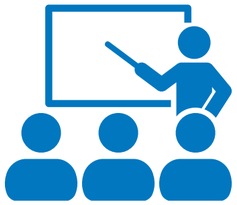
Analysis of Student Artifacts
in English Language Arts
(ELA) and Mathematics
May 19, 2025

Snapshot of Students Work

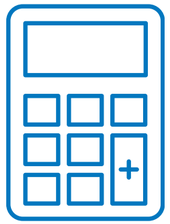
1 Artifact per grade level K-5



3 Artifacts per department level 6-10

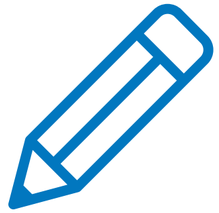


English Language Arts (ELA) Colllected from grades K, 2, 4, 6, 8 and 10



Math collected from grades 1, 3, 5, 7

75 Artifacts submitted for ELA



67 Artifacts submitted for Math

Content:

- Is the work aligned to standards?
- Is the work on grade level?

Context:

- How is the student demonstrating learning?
- Test? Real world? Classroom specific? Meaningful writing?

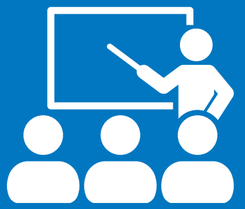
Cognitive Demand:

- What is the rigor or Depth of Knowledge (DOK)?

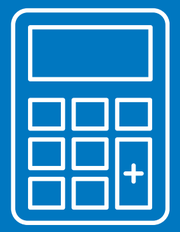
SNAPSHOT OF STUDENT WORK

1 Artifact per grade level K-5

3 Artifacts per department level 6-10



English Language Arts (ELA) Colllected from grades K, 2, 4, 6, 8, & 10



Math collected from grades 1, 3, 5, 7, & Algebra I

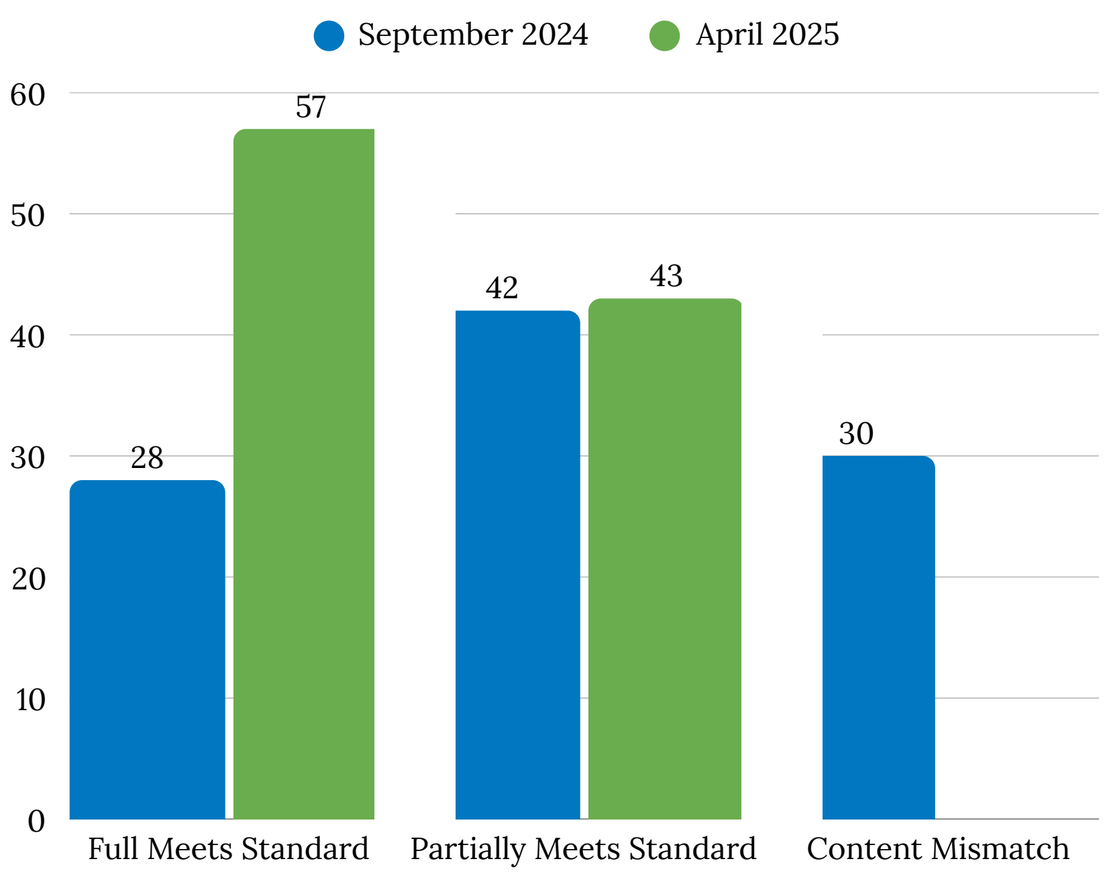
75

Artifacts submitted for ELA

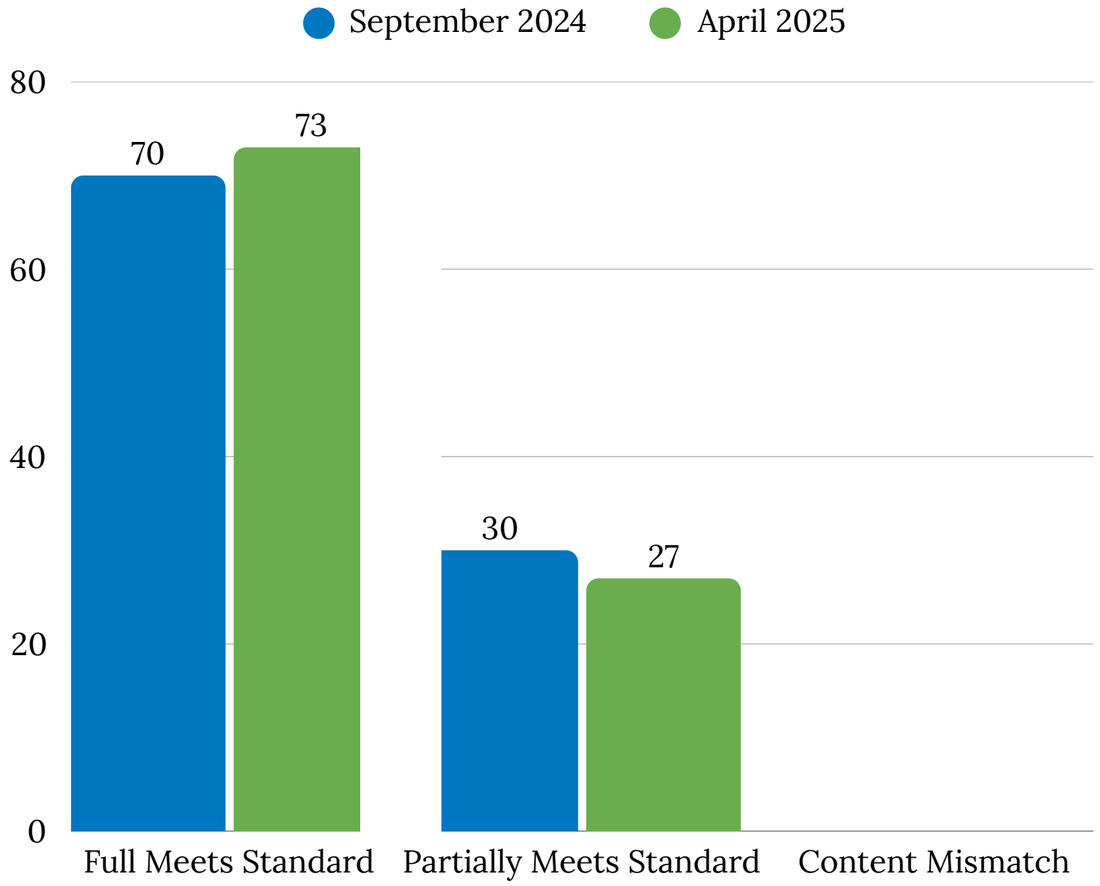
67

Artifacts submitted for Math

Percent of student work on grade level

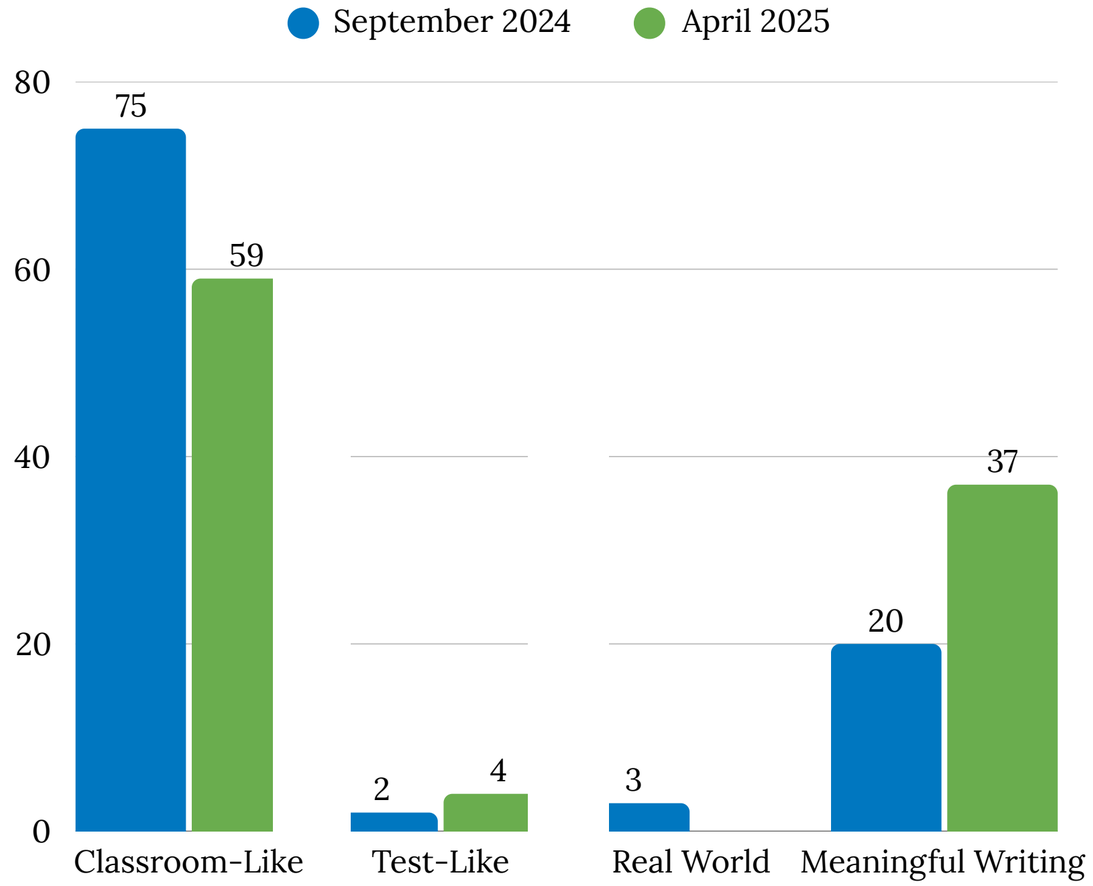


ELA

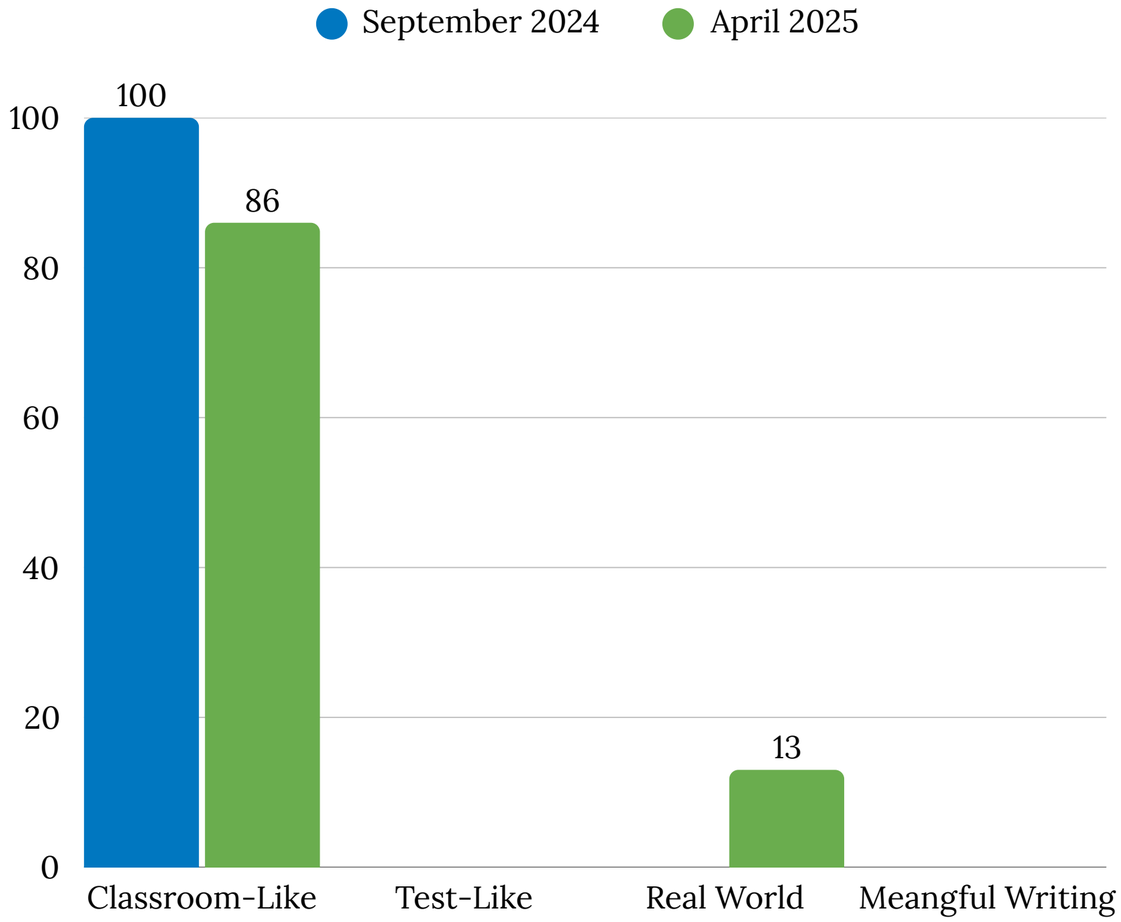


Math

Contexts of Student Work



ELA



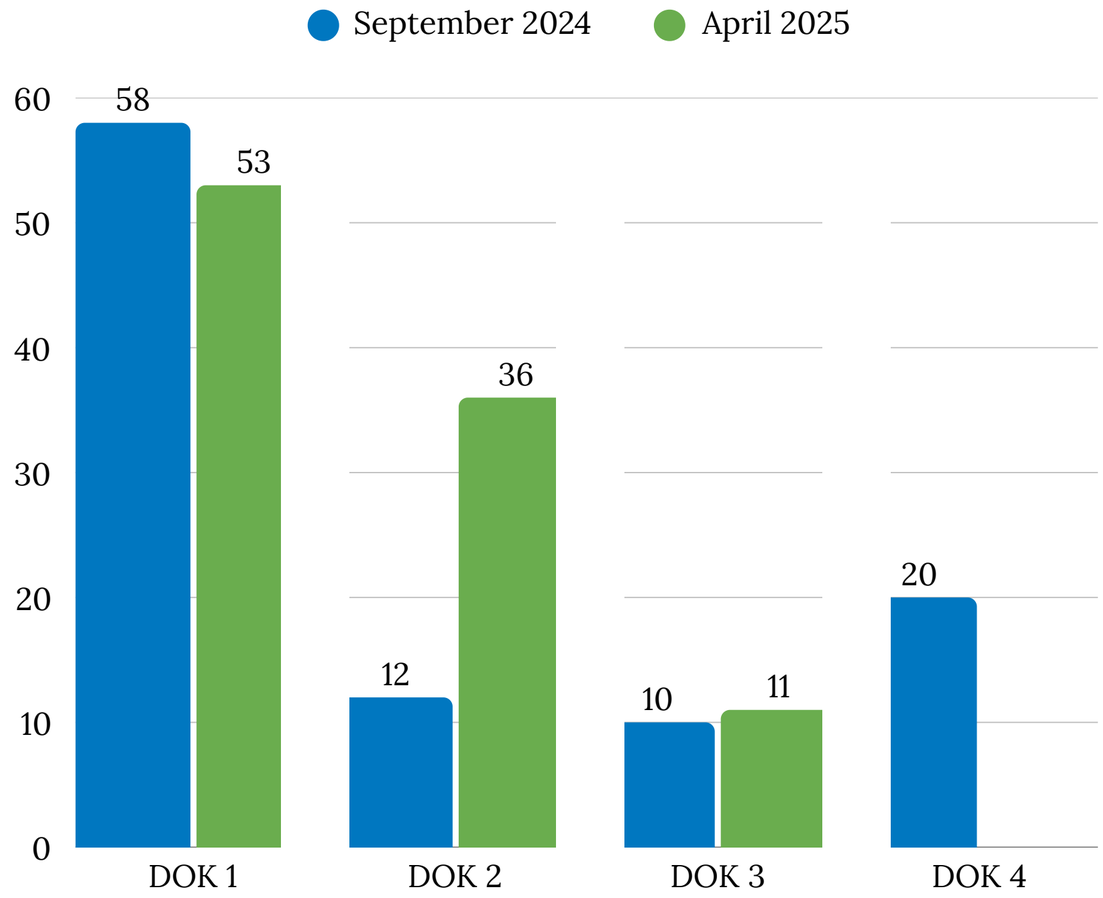
Math

Webb's Depth of Knowledge (DOK) Levels

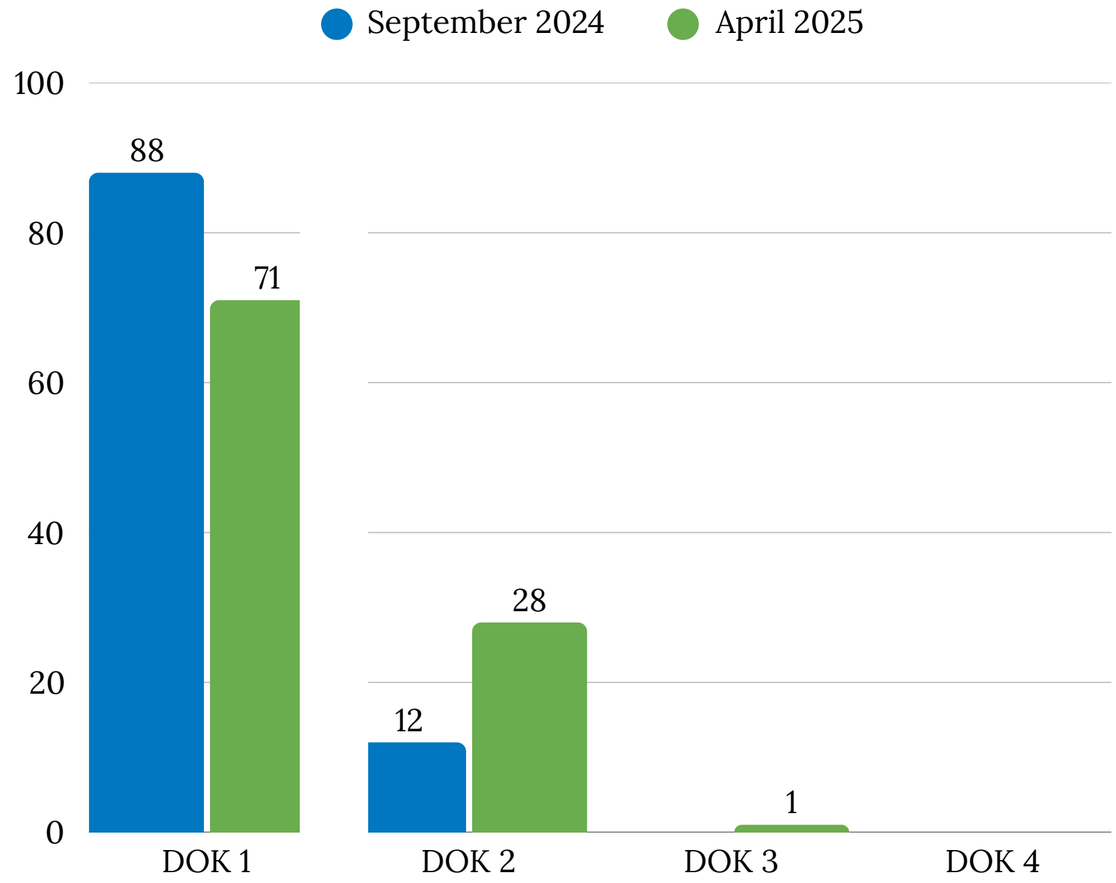
Level One Activities	Level Two Activities	Level Three Activities	Level Four Activities
Recall elements and details of story structure, such as sequence of events, character, plot and setting.	Identify and summarize the major events in a narrative.	Support ideas with details and examples.	Conduct a project that requires specifying a problem, designing and conducting an experiment, analyzing its data, and reporting results/ solutions.
Conduct basic mathematical calculations.	Use context cues to identify the meaning of unfamiliar words.	Use voice appropriate to the purpose and audience.	Apply mathematical model to illuminate a problem or situation.
Label locations on a map.	Solve routine multiple-step problems.	Identify research questions and design investigations for a scientific problem.	Analyze and synthesize information from multiple sources.
Represent in words or diagrams a scientific concept or relationship.	Describe the cause/effect of a particular event.	Develop a scientific model for a complex situation.	Describe and illustrate how common themes are found across texts from different cultures.
Perform routine procedures like measuring length or using punctuation marks correctly.	Identify patterns in events or behavior.	Determine the author's purpose and describe how it affects the interpretation of a reading selection.	Design a mathematical model to inform and solve a practical or abstract situation.
Describe the features of a place or people.	Formulate a routine problem given data and conditions.	Apply a concept in other contexts.	
	Organize, represent and interpret data.		

Webb, Norman L. and others. "Web Alignment Tool" 24 July 2005. Wisconsin Center of Educational Research. University of Wisconsin-Madison. 2 Feb. 2006. <http://www.wcer.wisc.edu/WAT/index.aspx>.

Cognitive Demand of Student Work



ELA



Math

Continuous Improvement

- Exemplar Lessons for Each Essential Standard in the Curriculum
- Principals and Instructional Specialists Trained to Analyze Work Samples and Work with Teacher Teams for Better Alignment
- CMSI will Collaborate with Teachers in August, 2025 on Unit and Lesson Plan Development
- CMSI will meet with PLC teams on each campus to further align student work with the rigor of the standards.