

CCSD Assessment System: Focus on Star

DAC Community Forum
November 20, 2024

Introductions



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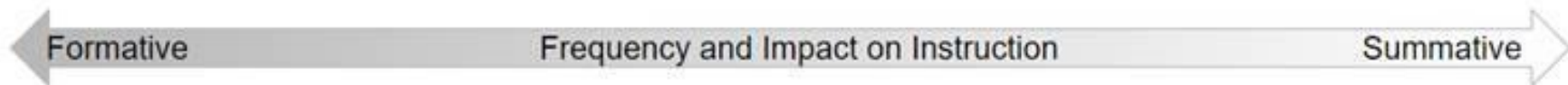
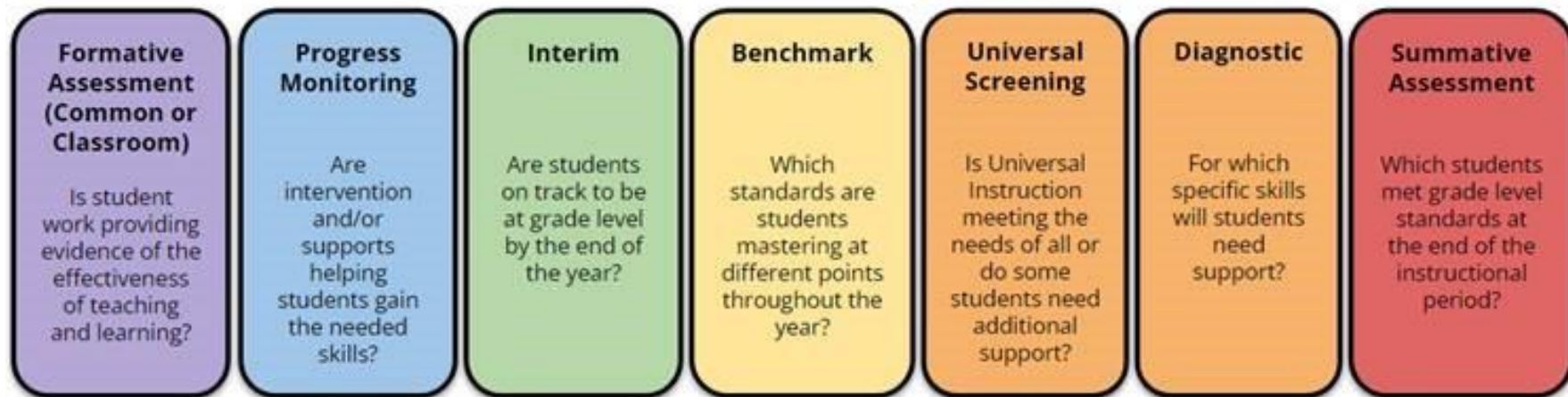
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Agenda

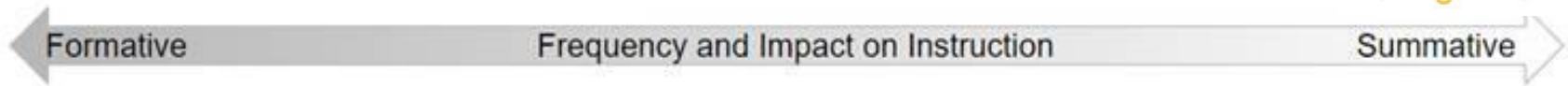
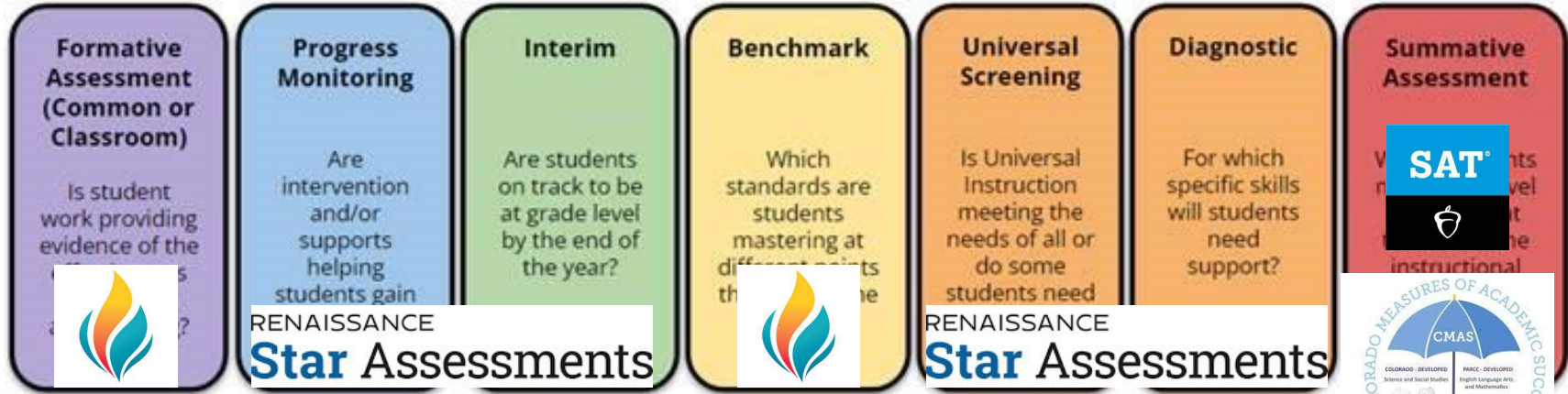
- CCSD Comprehensive Aligned Assessment System
 - Why is the assessment system important?
 - How is the assessment system helpful?
- Focus on Star
 - What is Star?
 - Resources for parents to understand Star

CCSD Comprehensive Aligned Assessment System

Comprehensive Aligned Assessment System (CAAS)

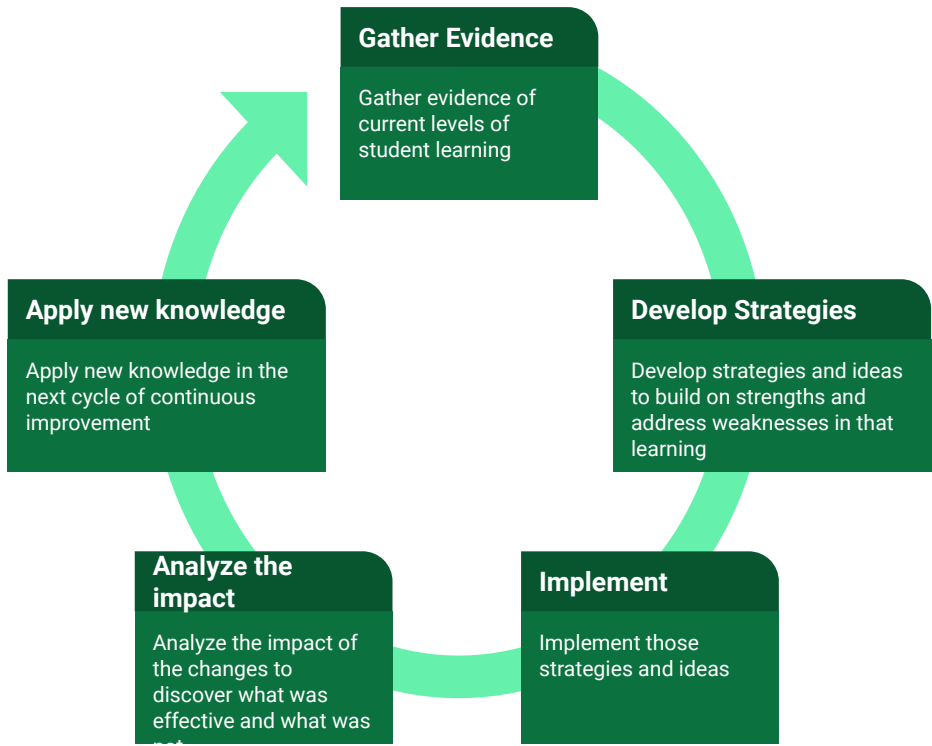
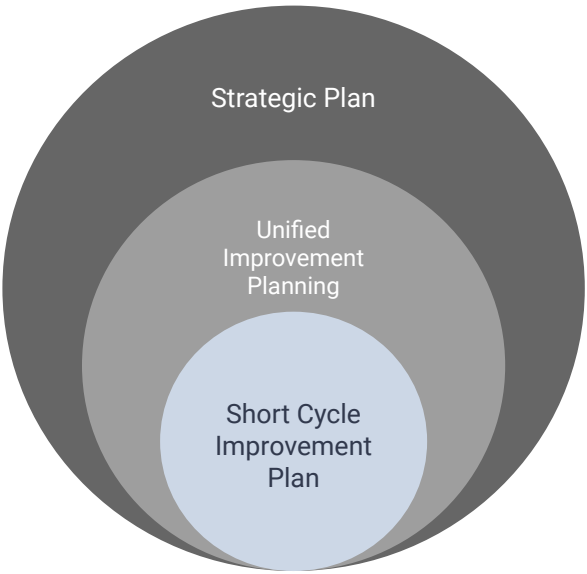


Comprehensive Aligned Assessment System (CAAS)



Informs Systems Level Improvement Work

Supports PLC Work

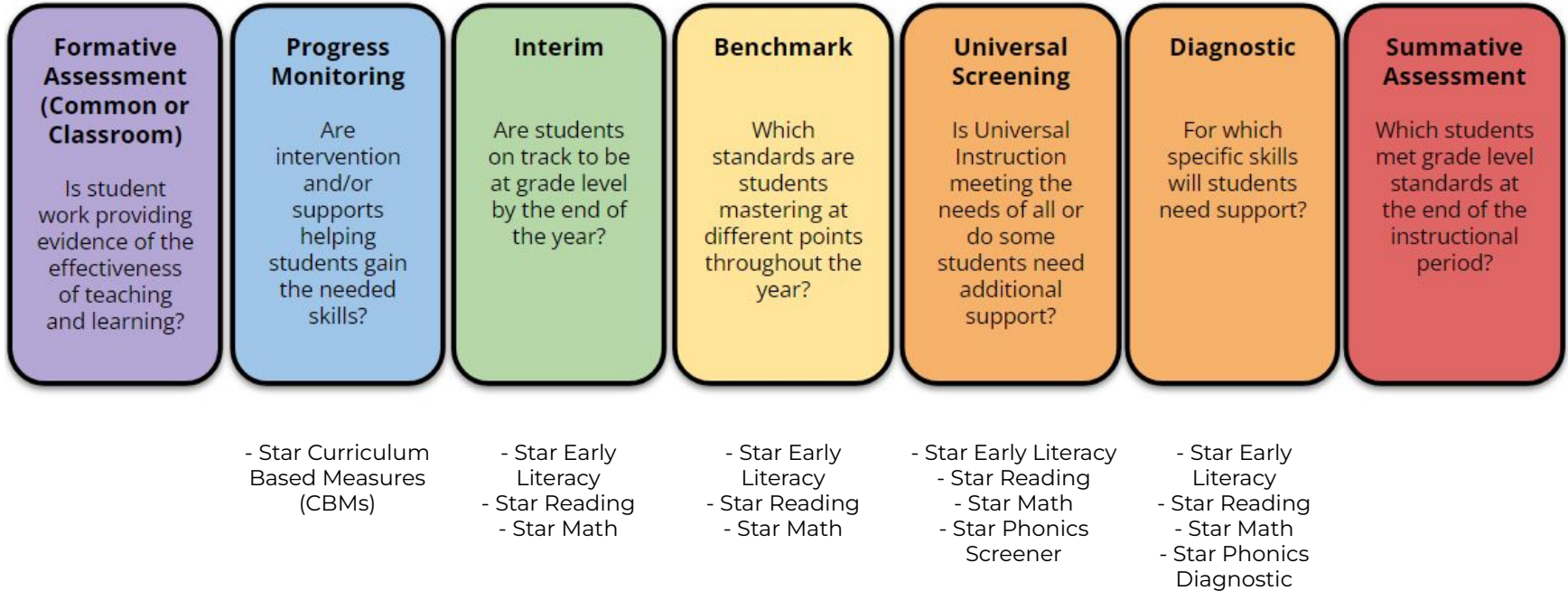


Apply new knowledge
Apply new knowledge in the next cycle of continuous improvement

Focus on Star Assessments



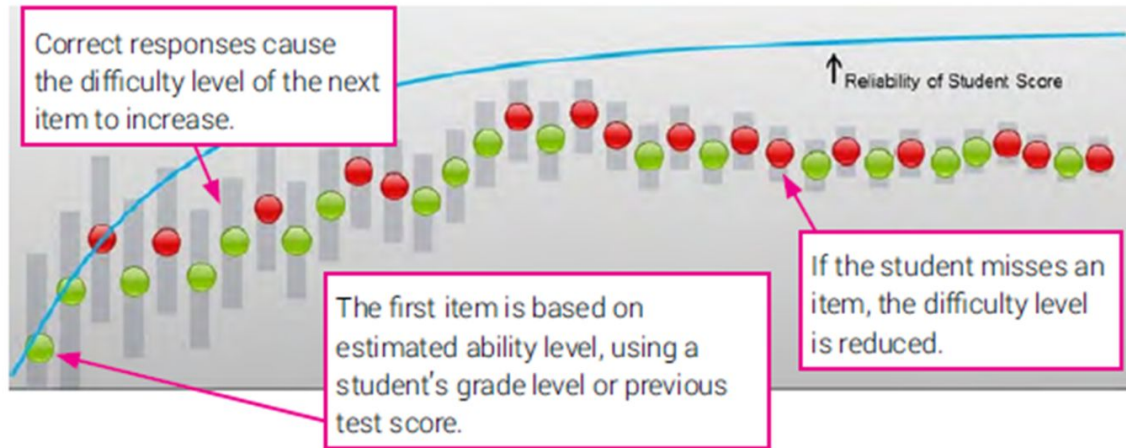
Comprehensive Aligned Assessment System (CAAS)



The Science of Star

Star is a Computer Adaptive Assessment

- Adjusts difficulty of test items based on student's response
- Targets a student's abilities above and below grade level



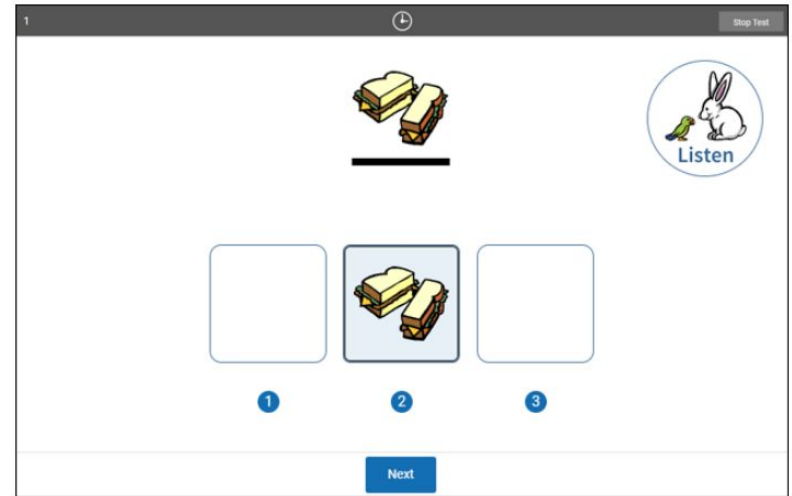
Who Tests?

| | K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Early Literacy | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | | | | | | | |
| Reading | | | | | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring |
| Math | Fall & Winter Optional Spring Required | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring | Fall, Winter & Spring |

Note: Grade 11 and 12 students on READ Plans are required to take the Star Reading assessments

Star Early Literacy

- 27 items
- Designed for Pre-K- 3rd grade
- For beginning readers who may not yet read independently or need early literacy skills assessed
- Items assess skills within three domains
 - Word knowledge and skills
 - Comprehension strategies and constructing meaning
 - Numbers and operations



Star Early Literacy Blueprint

| Subdomain | Number of items | Examples of skills assessed |
|-----------------------|-----------------|--|
| Alphabetic Principle | 5 | <ul style="list-style-type: none"> • Distinguish numbers from letters • Identify the letter that comes next • Recognize sound of uppercase letters |
| Concept of word | 4 | <ul style="list-style-type: none"> • Identify longest word • Identify number of words • Differentiate letters from words |
| Visual discrimination | 5 | <ul style="list-style-type: none"> • Differentiate uppercase letters • Identify words that are different • Match words that are the same |
| Phonemic awareness | 4 | <ul style="list-style-type: none"> • Identify rhyming words • Blend 2-syllable words • Recognize same final sounds (pictures) |
| Phonics | 5 | <ul style="list-style-type: none"> • Match short vowel sounds to letters • Identify letter for final consonant sound • Identify sounds with word families |
| Vocabulary | 3 | <ul style="list-style-type: none"> • Read grade-level sight words • Understand position words • Match words with their synonyms |
| Early numeracy | 5 | <ul style="list-style-type: none"> • Recognize numbers 0-20 • Complete a picture pattern • Compare sizes, weights, and volumes |
| Total | 27 | |

Star Reading

- 34 items
- Designed for grades K-12
- Assess skills within five domains
 1. Reading for All Purposes
 2. Oral Expression and Listening
 3. Language: Reading for All Purposes
 4. Literary Texts: Reading for All Purposes
 5. Informational Texts: Reading for All Purposes

In 1849, thousands of hopeful people arrived in California. They had come from all over America, from big cities and small towns and farms. Some arrived from Europe. They were there to strike gold or to make money from those miners who did find the shiny metal. They set up camps and struggled to learn the ways of mining. Some really did strike it rich, but most barely got by.

For what purpose was this paragraph written?

1 to inform readers about a historical event

2 to entertain readers with a story about mining

3 to persuade readers to try to strike it rich

Star Math

- 34 questions
- Designed for grades K-12
- Assess skills in four domains
 1. Number and Quantity
 2. Algebra and Functions
 3. Geometry
 4. Data, Statistics, and Probability

The Friday attendance at a local theater is shown for the last 7 weeks. What is the median Friday attendance during this 7-week period?

| Week | Attendance |
|------|------------|
| 1 | 175 |
| 2 | 153 |
| 3 | 94 |
| 4 | 103 |
| 5 | 127 |
| 6 | 147 |
| 7 | 132 |

- A 94 B 103
 C 132 D 133

Item Time Limits

What is Star?

| | Standard Time Limit Per Item | Extended Time Limit Per Item |
|---------------------|--|--|
| Star Early Literacy | 2 minutes 30 seconds | 7 minutes and 30 seconds |
| Star Reading | <u>Grades K-2</u> Items 1- 10: 2 minutes Items 11-34: 3 minutes | <u>Grades K-2</u> Items 1- 10: 6 minutes Items 11-34: 6 minutes 45 seconds |
| | <u>Grades 3-12</u> Items 1- 10: 1 minute 45 seconds Items 11- 34: 2 minutes 30 seconds | <u>Grades 3-12</u> Items 1- 10: 5 minutes and 15 seconds Items 11-34: 7 minutes and 30 seconds |
| Star Math | 4 minutes | 8 minutes |

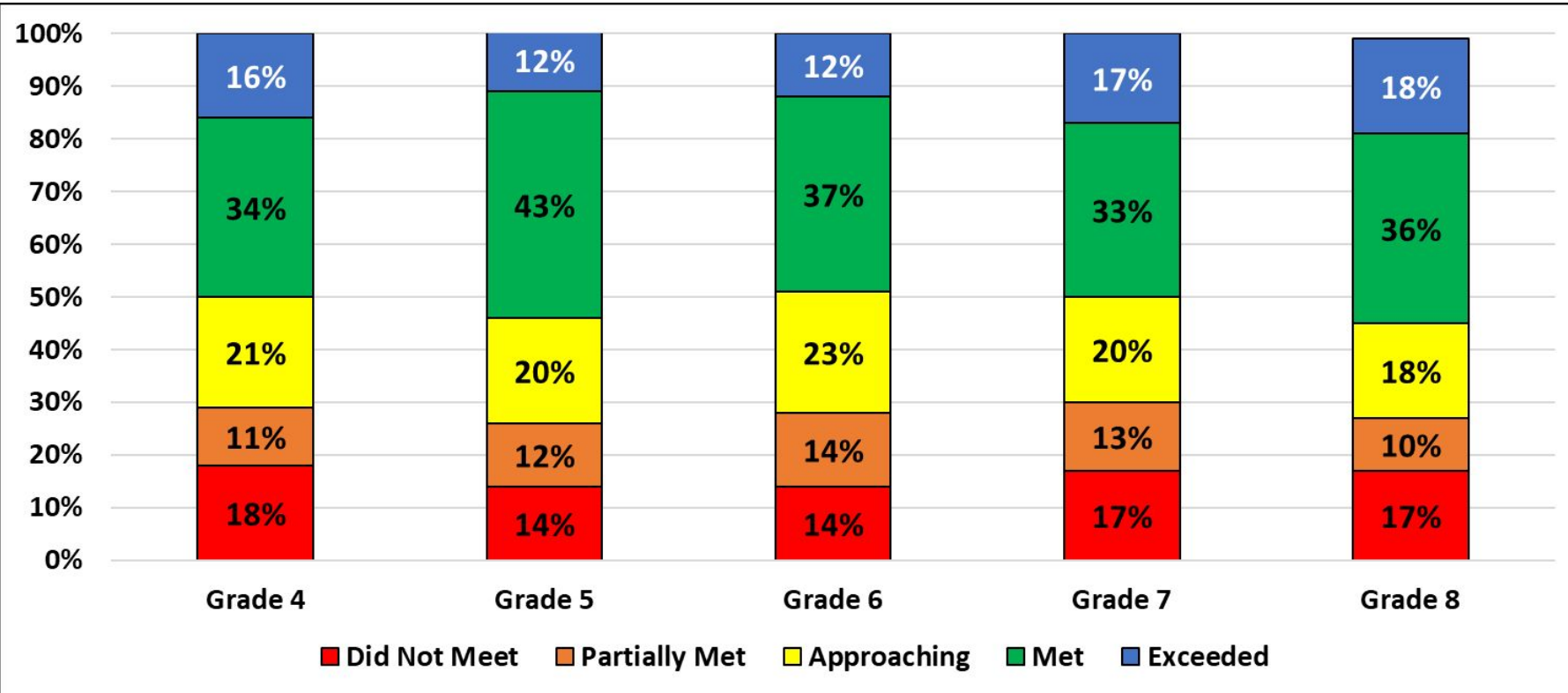
Star Assessment Interim



Projected Scaled Scores and EOY Grade Level Expectations

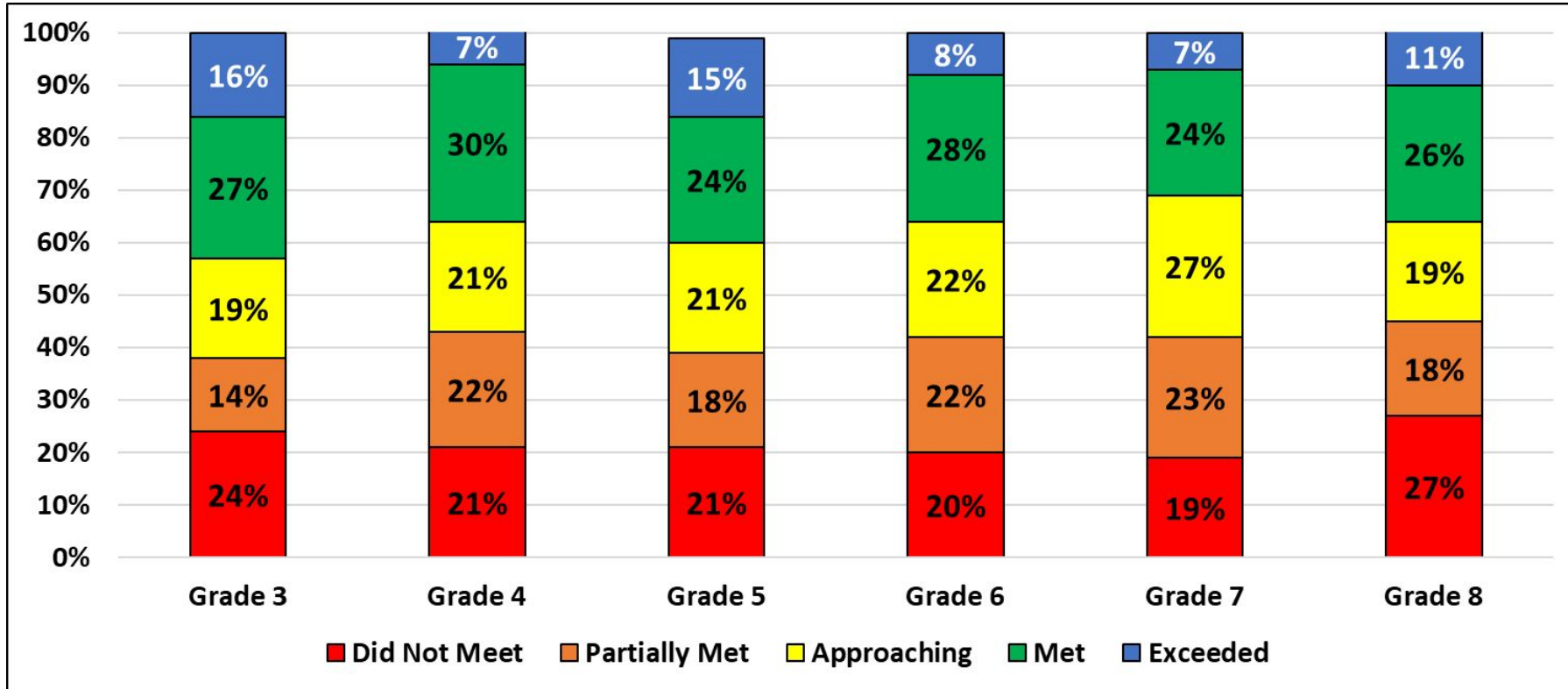
| | Read | Math | | Read | Math |
|----------------|-------------|-------------|-----------------|-------------|-------------|
| Grade 1 | 855 | 867 | Grade 7 | 1094 | 1131 |
| Grade 2 | 949 | 936 | Grade 8 | 1101 | 1132 |
| Grade 3 | 1002 | 993 | Grade 9 | 1116 | 1133 |
| Grade 4 | 1031 | 1053 | Grade 10 | 1123 | 1134 |
| Grade 5 | 1051 | 1087 | Grade 11 | 1128 | 1141 |
| Grade 6 | 1080 | 1112 | Grade 12 | 1136 | 1150 |

Projected EOY Grade Level - Reading



Projected EOY Grade Level - Math

What is Star?



Benchmarks for Instructional Support

Based on District analyses and Renaissance's recent norming study, the District benchmark for identifying students for instructional support have been adjusted.

- For the STAR Early Literacy and STAR Reading assessments, students who score below the 55th percentile may require instructional support.
- For the STAR Math assessments, the benchmark for identifying students who may require instructional support is set at the 65th percentile

| | Star Early Literacy and Star Reading | | Star Math |
|---------------------------|--------------------------------------|---------|-----------|
| | Previous | Updated | |
| At/Above Benchmark | 50-99 | 55-99 | 65-99 |
| Strategic Support | 40- 49 | 40- 54 | 40-64 |
| Targeted Support | 26-39 | 26-39 | 26-39 |
| Intensive Support | 1-25 | 1-25 | 1-25 |

Understanding the Star Student Report



What is Star?

Star Assessments are short tests that provide teachers with personalized learning data for each student. Star tests are computer-adaptive, which means they adjust in difficulty to each answer students provide.

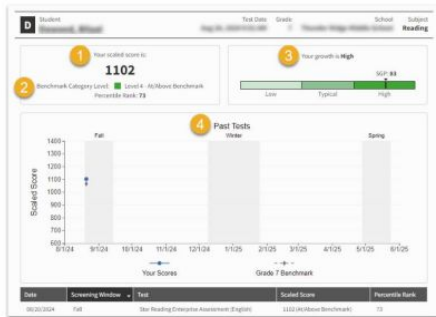
Students will take a Star test for math and reading in the fall, winter, and spring. Teachers analyze the data they receive from Star Assessments to learn what students already know and what they are ready to learn next, to monitor student growth, and to determine which students may need additional help. Star Assessments are research-based and scientifically proven to help teachers guide each student on their unique path to proficiency.

1 Scaled Score: This number represents your child's overall performance on the assessment.

2 Benchmark Category Level: The Scaled Score places your child's score into one of four benchmark levels. These levels help determine if your child is meeting grade-level expectations.

3 How has my student grown? The Student Growth Percentile (SGP) shows how much progress your child has made compared to other students who started at a similar level. An SGP will not be present if the student only has tested once.

4 Past Tests: This report shows your child's test activities in math or reading throughout the school year. You'll see the information presented in both a table and a graph to help you understand their



Star Benchmark Category Levels

| At/Above Benchmark | Strategic Support | Targeted Support | Intensive Support |
|--|---|---|---|
| A student At/Above Benchmark has demonstrated skills that meet or exceed the grade level expectation | A student listed as Strategic Support may need additional support to improve their grade level skills | A student listed as Targeted Support may need additional targeted support to improve their grade level skills | A student listed as Intensive Support will likely need additional intensive support to improve their grade level skills |

progress.

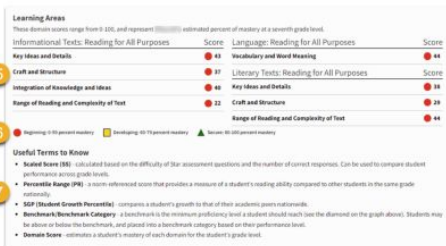
5 Learning Areas: Domains are groups of skills or topics of grade level standards that students are expected to learn in a specific grade. This shows your child's current progress in mastering grade-level skills by domain.

Please Note: It is not expected for students to have "securely mastered" grade level skills until the end of the school year after they have had time to learn all of the standards.

7

Useful Terms to Know:

Here are some assessment terms that may help to further describe the data and numbers in the report



6 Star Domain Mastery Levels

| Beginning | Developing | Secure |
|---|--|---|
| 0-59% mastery | 60-79% mastery | 80-100% mastery |
| Student has 0-59% mastery of grade standards in this domain | Student has 60-79% mastery of grade level standards in this domain | Student has 80-100% mastery of grade-level standards in this domain |

Useful Terms to Know:

Here are some assessment terms that may help to further describe the data and numbers in the report

Star Assessments

| Star Early Literacy | Star Reading | Star Math |
|---|--|---|
| Star Early Literacy assesses skills such as phonemic awareness, phonics, and comprehension. | Star Reading uses a variety of measures to assess students' reading abilities, including word recognition, vocabulary knowledge, comprehension, and fluency. | Star Math measures a student's math skills in a variety of areas, including number and operations, algebra, geometry, measurement, data analysis, and probability |

Translations

Amharic

Arabic

Chinese

Dari

Korean

Russian

Spanish

Vietnamese

Instructional Assessment Partners



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