

# Colorado Measures of Academic Success

## Understanding English Language Arts and Math Score Reports

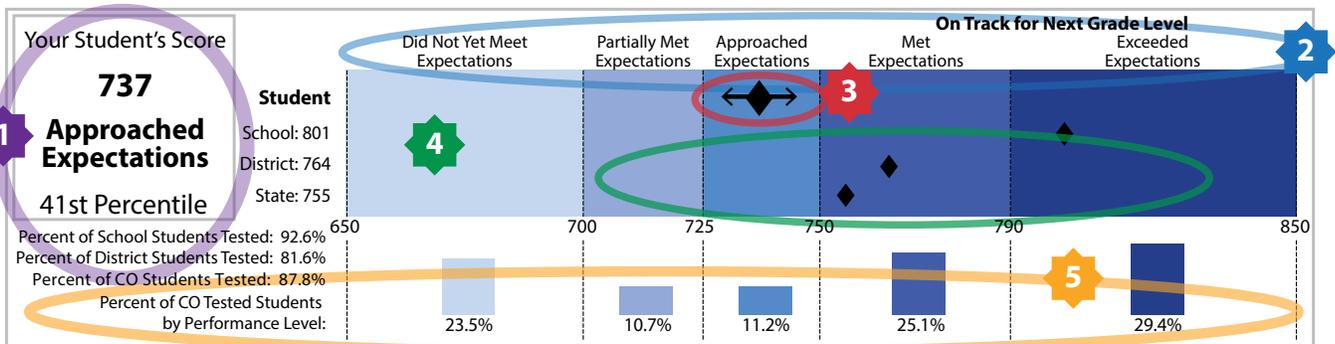


**COLORADO**  
Department of Education

[www.cde.state.co.us](http://www.cde.state.co.us)

Colorado Measures of Academic Success score reports feature information that helps you understand how well your child has mastered the Colorado Academic Standards in the assessed content areas at the end of the grade level. Data included in this resource are not based on actual 2022 data.

### How to Read Your Student's 2022 Score Report - Page 1



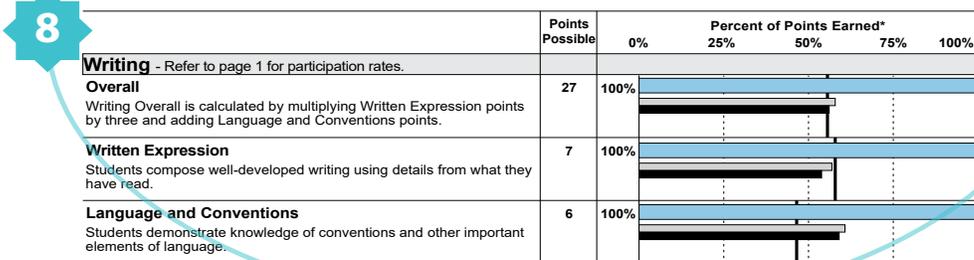
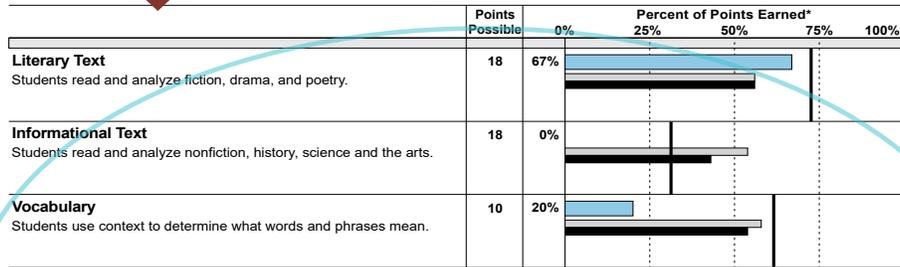
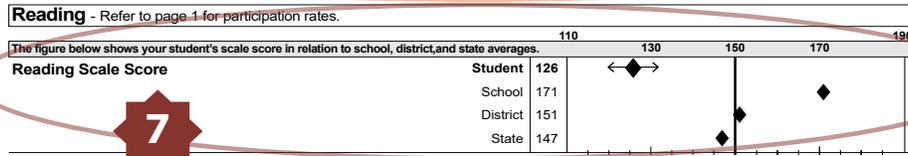
- 1 Student Performance Overview** – This section provides your child’s overall score. Students receive a numerical overall score and, based on that score, are included in one of five performance levels. The percentile ranking shows how well your student performed in comparison to other students in the state. For example, a student in the 41st percentile performed better than 41% of students in the state. The concepts and skills typically demonstrated by students within your child’s performance level are included in the Performance Level Descriptor section on the bottom of Page 1.
- 2 Performance Levels** – Performance levels describe how well students met the expectations of their grade level. Each performance level is defined by a range of scores. The highest two performance levels indicate that students met or exceeded expectations and are on track for the next grade level. The lower three performance levels indicate that students did not demonstrate that they have fully met grade-level expectations.
- 3 Score Range** – Scale scores are represented by diamonds on the graph. The arrows around your student’s diamond show the range of scores your student would likely receive if the test was taken multiple times. Arrows around the example student’s diamond show that the student would likely have scored in the same performance level if the test was taken multiple times.
- 4 Overall Score Comparisons** – School, district, and state diamonds represent the average scores of students taking the same test as your child. Use the score averages to see how your child’s score compares to other students taking these tests. In this example, the student scored lower than the school, the district, and the state. To protect student privacy, scores are not provided for schools and districts that do not have the minimum number of students needed for reporting.
- 5 State Performance** – The percent of enrolled students who took the assessment is included to help you make sense of school, district, and state-level results. Review participation rates closely when comparing your child’s performance to school, district, and state performances. The bars beneath the overall performance graphic show the percentage of students who performed at each performance level. Interpretations of school, district, and state performances should be made with caution or completely avoided when participation rates are extremely low.

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### Subclaim Performance

- 6** The top diamond in the figure below shows your student's performance in Reading.
- The top bar in each of the other graphs shows the percent of points your student earned for writing and specific areas of reading and writing.
- District Averages are provided for comparison.
- State Averages are provided for comparison.
- The dark vertical line indicates the average percent of points earned by students who just crossed into the Met Expectations performance level on the overall English language Arts/Literacy test.



\*Percent of points earned cannot be compared across years because individual items change from year to year. They also cannot be compared across subclaims because the number of items and the difficulty of items may not be the same.

**6 Graph Key** – The key on the top of Page 2 shows which bar represents your student's performance, district performance, and state performance in the score breakdown section of the report. The dark vertical line shows how students who just crossed into the Met Expectations level performed.

**7 Reading Performance** – Overall reading scores on the English language arts report are represented by diamonds on the graph. The arrows around your student's diamond show the range of scores your student would likely receive if the assessment was taken multiple times. Look at the school, district and state scores and diamonds to see how your child's reading score compares to other students taking these tests. In this example, the student scored lower than the school, the district, and the state. Arrows around the example student's diamond show that the student may have scored the same as the state if the test was taken multiple times. *Note: Reading sub-performance scores are on a different scale than the overall score.*

**8 Score Breakdowns** – This section provides a breakdown of your student's performance in specific reading and writing areas on the English language arts report and math areas on the math report. You can see where your student is excelling or may need improvement. Performance in these areas is reported as the percent of points your student earned on the assessment for each category. Use the bars identified in the graph key at the top of the page to compare your student's performance to district and state averages as well as to students who just crossed into the Met Expectations performance level. In this example, the student outperformed the district and state in the Reading Vocabulary category. The student did not perform as well as the district, state, or students who just crossed into the Met Expectations performance level in the Reading Literary Text, Reading Informational Text, or Writing categories. *Note: Percent of points earned cannot be compared across years.*

Where can I learn more?

2022

[Review a parent guide to understanding the score reports and Frequently Asked Questions on the Resources for Parents webpage.](#)