



# GUIDE TO THE SCORE REPORT - MATH

## Math Score Report Overview

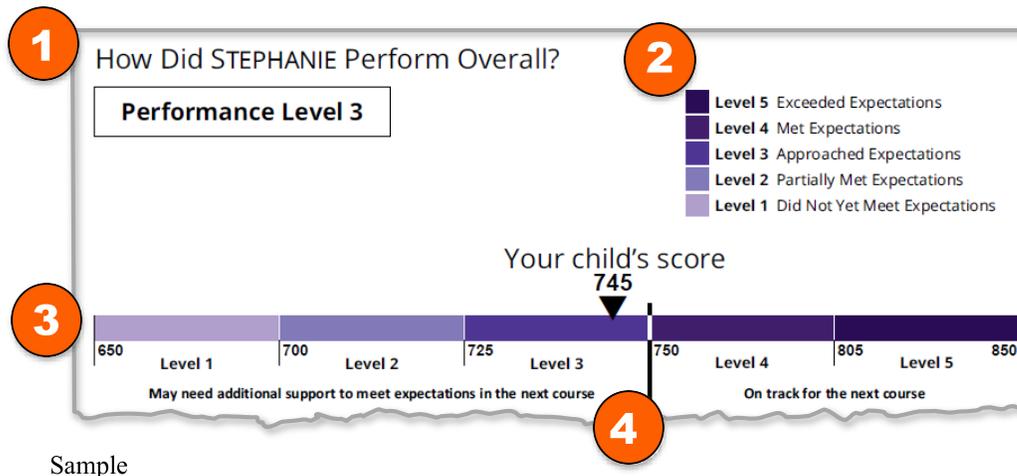
PARCC measures how well students are meeting academic expectations and learning the knowledge and skills they need to stay on track in school and after high school – in college or a career. The test measures complex skills like critical thinking and problem-solving. It is just one of many ways that teachers and schools measure whether your child is on track for success.

Teachers use the scores to improve teaching and learning, and to customize instruction to meet each student's needs. Parents receive one report for ELA (English Language Arts) and one for math.

Important improvements were made to the test this year. It is now 90 minutes shorter for most students, and it was easier for schools to administer the test because students now take the test during a single testing window.

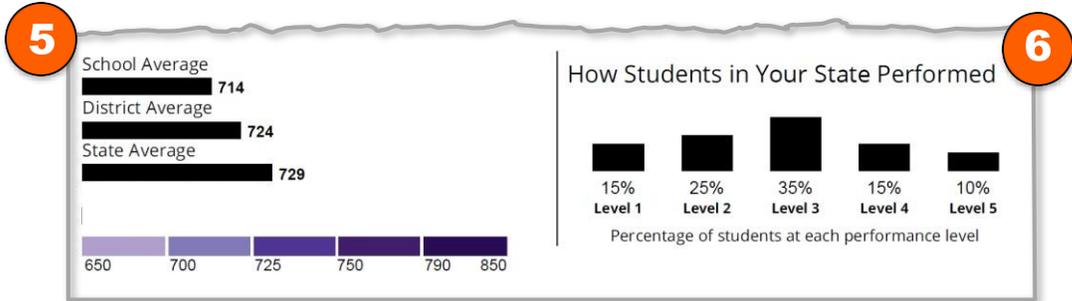
NOTE: Below is a sample score report. It does not include your child's scores or information. Ask your child's school for his or her score report.

## Key Information in the Score Report



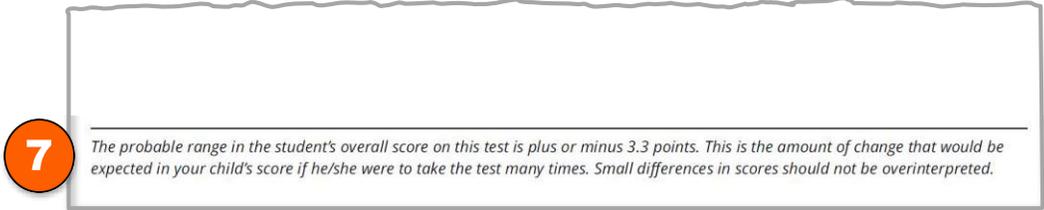
- 1 How did your child do overall?** Your child's score (see below) fits into one of five performance levels. Level 1 is the lowest performance level; Level 5 is the highest. See #2 for an explanation of what each level means.
- 2 What does each performance level mean?** Level 4 is the target. It shows that your child has met expectations and is well prepared for the next grade level or course. (This is what some states call "proficient.") Levels 1, 2 and 3 show a child did not fully meet expectations. Level 5 shows the child did better than what is expected for the grade level or course.
- 3 What was my child's score?** The purple bar graph shows the score ranges for each performance level. In addition to the exact score, the black triangle shows how close your child's score is to the next performance level.
- 4 Is my child on track?** The words under the purple bar graph show that students who score at Level 1, 2, or 3 may need extra help. Students performing at Level 4 or Level 5 are on track for the next grade level or course.

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Sample

- 5** **How do I compare scores?** Unlike many previous state test score reports, PARCC score reports show how your student is performing compared to the average for students in the same grade or course in the school, district, and state.
- 6** **How did students in my state do?** This shows the percentage of students at each performance level in your state. This gives you a sense of how students are doing overall in your state, and how your child's performance compares.



Sample only

- 7** **How precise is my child's score?** Similar to public opinion polls, which have a "margin of error," test scores are accurate within a few points. If your child were to take the test on another day, his/her score might be slightly higher or lower. This shows the likely variation in scores for your child. Check your child's score report to see what the probable range is.

## Side 2 of the Parent Score Report

### How Did Your Child Perform in Areas of Mathematics?

**8**

**↓ MAJOR CONTENT**

Your child performed about the same as students who **did not yet meet or partially met expectations**. Students meet expectations by solving problems involving arithmetic operations on polynomials, linear, quadratic, and exponential equations, an understanding of functions, and interpreting algebraic expressions, functions, and linear models.

**↑ EXPRESSING MATHEMATICAL REASONING**

Your child performed about the same as students who **met or exceeded expectations**. Students meet expectations by creating and justifying logical mathematical solutions and analyzing and correcting the reasoning of others.

**↑ ADDITIONAL & SUPPORTING CONTENT**

Your child performed about the same as students who **met or exceeded expectations**. Students meet expectations by solving problems involving properties of rational and irrational numbers, writing algebraic expressions in equivalent forms, systems of equations, interpreting data, and linear, quadratic, and exponential models.

**↔ MODELING & APPLICATION**

Your child performed about the same as students who **approached expectations**. Students meet expectations by solving real-world problems, representing and solving problems with symbols, reasoning quantitatively, and strategically using appropriate tools.

**9**

**LEGEND**  
Your child performed about the same as students who:

<b>↑</b> Met or Exceeded Expectations	<b>↔</b> Approached Expectations	<b>↓</b> Did Not Yet Meet or Partially Met Expectations
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**8** **How did my child do in different areas of mathematics?** This section shows where your child is excelling and where he/she needs extra support. Each area, such as *major content* and *expressing mathematical reasoning*, includes a description of what it looks like to meet the expectations.

**9** **What do the arrows mean?** The arrows give you a quick rundown on how your child is doing compared to students who are meeting expectations. The legend explains that in words.



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## How will my child's school use the results?

PARCC results identify where your child is doing well or where they may need more support. PARCC can be used along with grades and other academic measures to address any weaknesses early on so your child can receive the support they need to get back on track.

Teachers can use results to improve their instruction or tailor their teaching to students' individual needs. Schools and districts can use the report information to better plan instruction, support, and enrichment for students. Parents can use this information to understand their child's needs and strengths and work with their teachers and school to support their child at home.

## How can I use my child's score report?

It is important to have regular check-ins with teachers to help ensure your child is learning the skills necessary to remain on track.

Ask your child's teachers:

- What do you see as my child's academic strengths and areas for improvement?
- How will you use these test results to help my child make progress this school year?
- How can I help my child at home?

Ask your child's principal or teacher for information on the school curriculum and the types of learning experiences provided to students. You may also wish to ask about how local and state test results contribute to school improvements.

## Where can I find more resources?

- [UnderstandTheScore.org](http://UnderstandTheScore.org) – View sample test questions and learn more about how parents and teachers can use the information from the score reports.
- [Pta.org/parents](http://Pta.org/parents) – Learn more about grade level expectations and view the PTA's parent guides for student success.
- [Belearninghero.org](http://Belearninghero.org) – Tips on how to help your child succeed in school.
- [Greatschools.org/gk/common-core-test-guide](http://Greatschools.org/gk/common-core-test-guide) – Find out what skills your child should learn at each grade level and course and how you can help at home.