



MATHEMATICS

# Algebra II Assessment, 2014 - 2015

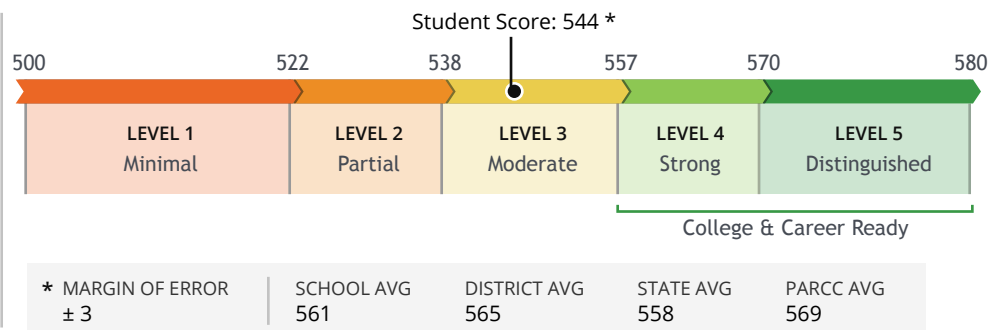
This is a report of your child's performance on the PARCC Algebra II assessment. The report provides you with information about your child's overall Algebra II performance, as well as his/her performance in the areas that make up the Algebra II assessment.

## OVERALL PERFORMANCE

**Level 3**

Your child performed at **Level 3** and earned a **score of 544 \***.

Your child demonstrated a **moderate understanding** of subject matter and will likely need academic support to engage successfully in further studies.



## ADDITIONAL INFORMATION ABOUT YOUR CHILD'S MATHEMATICS SCORE

The information below shows how your child performed in each area within mathematics compared to students who performed at Level 4 overall. Students who perform at Level 4 demonstrate a strong grasp of grade level subject matter and are well-prepared for the next grade level.

### MAJOR CONTENT

Your child performed near students performing at Level 4

Students at Level 4 can typically solve problems involving: rational exponents, writing and interpreting algebraic expressions, rational and radical equations, graphs functions, creating linear, quadratic, and exponential functions, and making inferences and justifying conclusions from data.

### EXPRESSING MATHEMATICAL REASONING

Your child performed near students performing at Level 4

Students at Level 4 can typically demonstrate a strong understanding of various mathematical ideas by solving problems, constructing valid arguments, and critiquing the reasoning of others with precision.

### ADDITIONAL & SUPPORTING CONTENT

Your child performed at or above students performing at Level 4

Students at Level 4 can typically solve problems involving: the complex number system, rational expressions and functions, systems of equations, trigonometric functions, interpreting data, and probability.

### MODELING & APPLICATION

Your child performed below students performing at Level 4

Students at Level 4 can typically solve real-world problems by persevering to solve them, reasoning abstractly and quantitatively, and using appropriate tools strategically.

For a list of the major and additional content at each grade level see <http://www.parcconline.org/math>.

Legend: Below students performing at Level 4    Near students performing at Level 4    At or above students performing at Level 4



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## ABOUT THIS REPORT

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- 1. What are the PARCC assessments?** The PARCC (Partnership for Assessment of Readiness for College and Careers) assessments are designed to measure and report the extent to which students in grades 3 – 11 have learned the grade-level material in English language arts/literacy and mathematics that will prepare them for the next grade level and eventually for college and careers.
- 2. How can I use this report to help my child?** Use the report as a springboard for discussion with your child's teacher(s) about his/her academic strengths and areas for improvement.
- 3. What do the scores on the report mean?**
  - **Performance Levels.** Your child's overall score falls into one of five performance levels. The levels are an indication to the extent to which your child has demonstrated grade-level material. Students achieving levels 4 and 5 have demonstrated a strong grasp of grade-level material and are well-prepared for the next grade level. See examples of the kinds of test questions that students at each performance level can typically answer at <http://www.parcconline.org/examples>.
  - **Mathematics Score.** As each performance level contains a range of scores, this shows where within the performance level your child scored.
  - **Additional information about your child's mathematics score.** This section provides information about your child's strengths and areas for improvement. In each area, you can see how your child did compared to students who performed at Level 4 overall in Mathematics.
  - **Margin of error.** The amount of change that would be expected in your child's score if he/she were to take the test many times.

Learn more about this report and what it means at [www.parcconline.org](http://www.parcconline.org).

## PERFORMANCE LEVEL DEFINITIONS

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Below is a brief description of how well students demonstrate understanding of subject matter at each performance level, along with an indication of their academic preparedness for further studies in Mathematics:

- **Level 5:** Student demonstrated a **distinguished understanding** of subject matter and is academically well prepared to engage successfully in further studies.
- **Level 4:** Student demonstrated a **strong understanding** of subject matter and is academically prepared to engage successfully in further studies.
- **Level 3:** Student demonstrated a **moderate understanding** of subject matter and will likely need academic support to engage successfully in further studies.
- **Level 2:** Student demonstrated a **partial understanding** of subject matter and will need academic support to engage successfully in further studies.
- **Level 1:** Student demonstrated a **minimal understanding** of subject matter and will need extensive academic support to engage successfully in further studies.