AzMERIT
SPRING 2017

Maria A. Doe
Birth Date: 04/17/2005   ABC School (123654)
SAIS ID: 99999123   ABC District (987456)

Grade 6   Math Assessment

About This Assessment

Maria took the AzMERIT Grade 6 Math assessment in spring 2017. The questions in this assessment measure the knowledge and skills taught in this grade and subject area.

Maria's score shows how well she understands Grade 6 Math content. A student who scores **Level 3** (Proficient) or **Level 4** (Highly Proficient) on AzMERIT is likely to be ready for the next grade level of Math.
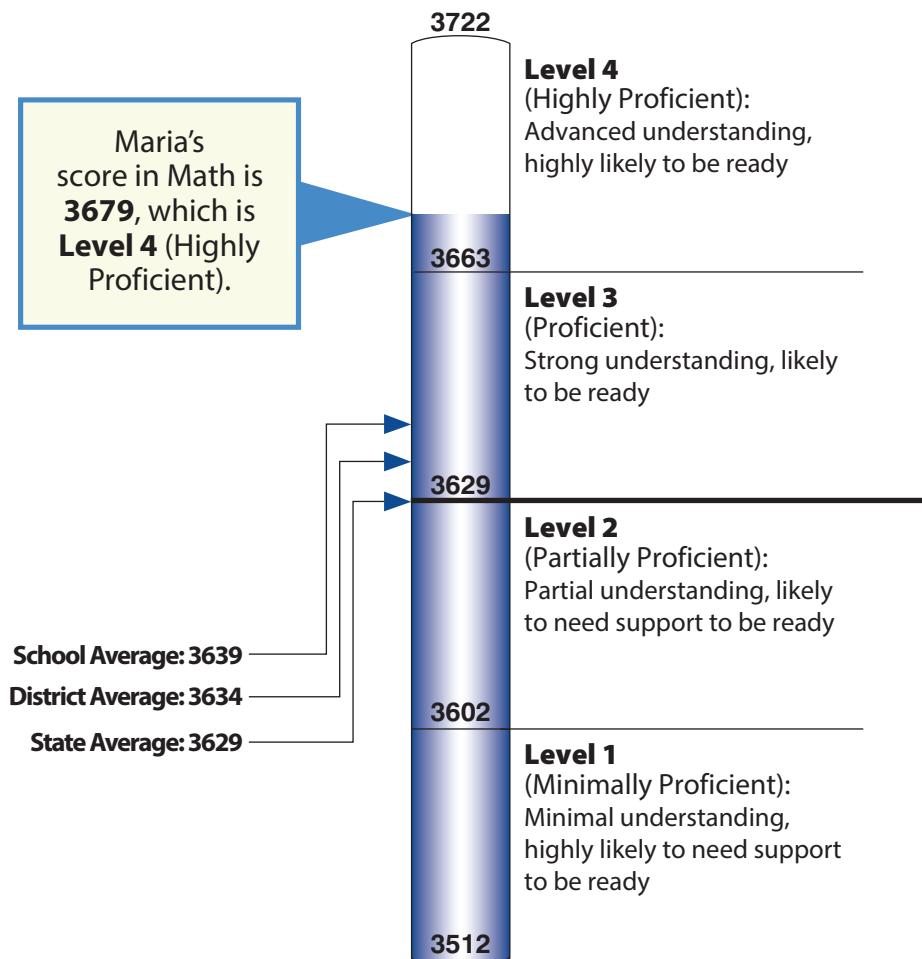
About This Report

Front:
- Maria's overall score for this assessment includes a numeric score and a proficiency level.
- Her numeric score can be compared with the school, district, and state averages.
- The proficiency level shows how well students understand current grade-level material and how likely they are to be ready for the next grade.

Back:
- Maria's level of mastery is shown for each scoring category.
- Scoring categories represent specific knowledge and skills included in this assessment.
- There is a detailed description of the mastery level for each scoring category.

Maria's Performance on the Math Assessment

Maria's score in Math is **3679**, which is **Level 4** (Highly Proficient).

3722

Level 4
(Highly Proficient):
Advanced understanding, highly likely to be ready

3663

Level 3
(Proficient):
Strong understanding, likely to be ready

3629

Level 2
(Partially Proficient):
Partial understanding, likely to need support to be ready

3602

Level 1
(Minimally Proficient):
Minimal understanding, highly likely to need support to be ready

3512

School Average: 3639
District Average: 3634
State Average: 3629

Maria's score is **Level 4** (Highly Proficient).

She shows an **advanced** understanding of the expectations for her tested grade. She is highly likely to be ready for math in the next grade.

Legend: Scoring Categories

⚠️ Below Mastery   ✅ At/Near Mastery   ➕ Above Mastery

Math Scoring Categories

Ratio and Proportional Relationships

➕

Maria performed **above mastery** in Ratio and Proportional Relationships.

What was assessed?
Students understand ratios, rates, and percentages. They use proportions to describe relationships between two numbers and recognize similar relationships. They use ratios and rates to solve problems and to create tables. They convert units of measurement.

What do these results mean?
Your student almost always correctly uses ratios, rates, or percents to describe relationships between numbers or values; solves unit rate problems that involve multiple steps, real-world situations, or percents; and converts units of measurement to solve problems.

The Number System

✅

Maria performed **at or near mastery** in The Number System.

What was assessed?
Students solve division problems with fractions. They add, subtract, multiply, and divide when solving problems with multidigit decimal numbers. They find the greatest common factor and least common multiple. They understand the relationship between positive and negative numbers.

What do these results mean?
Your student is often able to use addition, subtraction, multiplication, or division strategically to solve problems; find greatest common factors and least common multiples; use positive and negative numbers and plot them on a graph; and determine the distance between two points.

Expressions and Equations

✅

Maria performed **at or near mastery** in Expressions and Equations.

What was assessed?
Students write, read, and find the value of expressions with exponents and letters that stand for numbers. They produce and identify equivalent expressions. They understand that solutions to equations and inequalities are the values that make the equations or inequalities true.

What do these results mean?
Your student is often able to find values of expressions with exponents; solve equations and inequalities; use inequalities to describe real-world relationships; and identify independent and dependent variables and use equations to describe the relationship between them.

Geometry, Statistics and Probability

⚠️

Maria performed **below mastery** in Geometry, Statistics and Probability.

What was assessed?
Students find the area of geometric figures and apply techniques used to solve real-world problems. They find the volume of solid figures. They draw polygons and three-dimensional figures. They recognize statistical questions. They describe, display, and interpret data.

What do these results mean?
Your student may have trouble finding the area of polygons; representing three-dimensional figures; recognizing statistical questions; identifying data represented in a graph; understanding the meaning of mean, median, mode, and range; and displaying data visually.

Maria's Math Assessment Progress

This chart displays your student's performance in Math assessments over time. It reports the proficiency level for the most recently completed tests in Math (if available). You can use this information to determine your student's progress in Math.

	Grade 4 Spring 2015	Grade 5 Spring 2016	Grade 6 Spring 2017
Level 4 (Highly Proficient)			▶
Level 3 (Proficient)	▶	▶	
Level 2 (Partially Proficient)			
Level 1 (Minimally Proficient)			
	Level 3 (Proficient)	Level 3 (Proficient)	Level 4 (Highly Proficient)