



## FSA EOC 2015 Scores – Middle School

**Percentile ranks** are reported for FSA ELA, Mathematics, and EOC tests because the standard setting will not be completed by the time scores are reported. A percentile rank shows how students performed on each grade level/**subject area** test compared to all other students in Florida who took the same test. The percentile rank is the percentage of scores that fall at or below a given score.

### FSA EOC Reporting Categories

The content of the Florida EOC Assessments is organized by reporting categories that are used for test design, scoring, and reporting purposes. Reporting categories group the assessed student knowledge and skills into broad content areas. Definitions for each reporting category are provided below for each of the 2015 EOC assessments.

#### Algebra 1

- **Algebra and Modeling**  
Students perform operations on polynomials. They understand the relationship between zeros and factors of polynomials. They use mathematical structure of expressions. They create and solve equations and inequalities. They reason with equations and inequalities. They choose and use appropriate mathematics to model situations.
- **Functions and Modeling**  
Students understand the concept of a function. They interpret functions and key features in a context. They analyze and graph functions. They build a function that models a relationship. They construct linear, quadratic, and exponential functions. They solve problems using functions.
- **Statistics and the Number System**  
Students extend the properties of exponents to rational exponents. They use properties of rational and irrational numbers. They summarize, represent, and interpret data for one- and two-variable data. They interpret linear models.

#### Geometry

- **Congruence, Similarity, Right Triangles, and Trigonometry**  
Students understand congruence and similarity in terms of transformations. They prove and use geometric theorems. They demonstrate geometric constructions. They define trigonometric ratios. They solve problems involving right triangles. They use congruence and similarity criteria for triangles.
- **Circles, Geometric Measurement, and Geometric Properties with Equations**  
Students prove and apply theorems about circles. They find arc lengths and areas of sectors. They derive the equation of a circle. They use coordinates to prove theorems and to solve problems algebraically. They explain and use volume formulas.
- **Modeling with Geometry**  
Students apply geometric concepts in modeling situations.