



Content Area: Math

Grade Level: 7th

Course Name: Iready Classroom Math

**Course Description:**

In Grade 7, instructional time should focus on three areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; and (3) drawing inferences about populations based on samples.

Units- Length of Time	Description
Unit 1: Integers	This unit introduces students to operations with rational numbers.
Unit 2: Rational Numbers	This unit extends students understanding of operations with fractions.

Units- Length of Time	Description
Unit 3: Ratios and Proportions	This unit extends students understanding of unit rates, proportions and ratios.
Unit 4: Percents	This unit extends students understanding of percents.
Unit 5: Expressions	This unit extends students understanding of expressions and students are introduced to factoring polynomials.
Unit 6: Equations	This unit focuses on extending students understanding of solving linear equations.
Unit 7: Inequalities	This unit introduces student to inequalites and solving them.
Unit 8: Statistics	This unit extends students understanding of the measures of central tendency and box/whisker plots.
Unit 9: Probability	This unit introduces students to theoretical and experimental probabilities.
Unit 10: Geometry	This unit extends students understanding of area of two and three dimensional figures, as well as focus on the study of angles.

NYS Standard	Links
	<a href="#">NYS Next Gen Learning Standards</a>

