

### 7th Grade Math Progression of Standards

	“I can” Standard	Standard	BI Chapter	IABs
<b>Semester 1</b>	I can use percents to solve multistep problems.	7.RP3	5.1, 5.3, 6.3-6.7	7th Grade Ratios and Proportional Relationships IAB due by October 31, 2019
	I can calculate unit rates with ratio of fractions for like or different units of measurement.	7.RP1	5.1	
	I can recognize and show proportional relationships between quantities using different ways.	7.RP2	5.2 – 5.6	
	*Exposure Only* I can solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form	7.EE3	6.1, 6.2, 6.4	
	I can add and subtract rational numbers, integers and absolute value.	7.NS1	1.1, 1.2, 1.3, 2.1, 2.2, 2.3	7th Grade Number System IAB due by December 20, 2019
	I can multiply and divide rational numbers, integers and absolute value.	7.NS2	1.4, 1.5, 2.4	
	I can solve real-world problems using adding, subtracting, multiplying and dividing rational numbers, integers and absolute value..	7.NS3	Throughout 1 and 2	
<b>Semester 2</b>	I can apply adding, subtract, factor, and expand linear expressions with rational coefficients.	7.EE1	3.1, 3.2	7th Grade Expressions and Equations IAB due by March 27, 2020
	I can rewrite expressions in different ways to show how quantities are related.	7.EE2	3.1, 3.2	
	I can use variables to represent quantities in real-world problems and build simple equations and inequalities.	7.EE4	3.3, 3.4, 3.5	
	I can solve inequalities and two-step equations using adding, subtracting, multiplication and division.	7.EE4	4.1 - 4.4	
	I can write and solve simple equations of unknown figures by using facts about supplementary, complementary, vertical and adjacent angles.	7.G5	7.1 - 7.3	7th Grade Geometry IAB due by CAASPP (can be non-standardized)
	I can draw geometric shapes when given 3 measures of angles and sides by using a ruler, protractor and technology.	7.G2	7.3, 7.4	
	I can calculate lengths and areas of geometric figures by using Scale Drawings.	7.G1	7.5	
	I can solve the area and circumference of a circle by using the formula and the how area and circumference relate.	7.G4	8, 9.3	
	I can describe the two-dimensional figures that result from plane sections of right rectangular prisms and pyramids	7.G3	9.5 ext	
	I can solve real-world problems by finding the area of Composite Figures.	7.G6	8.4, 9.1, 9.2, 9.4, 9.5	
	I can look at statistics to gain information about populations by looking at a sample of the populations.	7.SP1	10.6-10.7	7th Grade Statistics IAB is optional
	I can use random sampling to draw inferences about a population and create multiple samples of the same size to gauge variation in predictions.	7.SP2	10.6-10.7	
	I can informally compare populations to measure the difference between the centers by expressing it as a multiple of measures of variability.	7.SP3	10.6-10.7	
I can compare populations by using measures of center and measures of variability for data from random samples about 2 populations.	7.SP4	10.6-10.7		