

### 7th Grade Pacing Guide 2016-2017

Estimated Days	Standard				Additional Resources	Notes/ Reflection
August 7- October 7 (45 days)			<b>The Number System</b>			No calculator Unit 1
			<b>Adding and Subtracting Integers</b>			
	7.NS.1	Chapter 2, Parts 1 and 2	Adding Integers with the Same Sign			
	7.NS.1		Adding Integers with Different Signs			
	7.NS.1c		Subtracting Integers			
	7.NS.3		Applying Addition and Subtraction of Integers			
			<b>Multiplying and Dividing Integers</b>			
	7.NS.2	Chapter 2, Part 3	Multiplying Integers			
	7.NS.2		Dividing Integers			
	7.NS.3		Applying Integer Operations			
			Review			
			Unit Test			

			<b>Rational Numbers</b>			
	7.NS.2c	Chapter 3, Parts 1,2,3	Rational Numbers and Decimals			
	7.NS.1d		Adding Rational Numbers			
	7.NS.1c		Subtracting Rational Numbers			
	7.NS.2		Multiplying Rational Numbers			
	7.NS.2		Dividing Rational Numbers			
	7.EE.3		Applying Rational Number Operations			
			Review			
			Unit Test			
			Benchmark Test			

October 13 -  
November 11  
(21 days)

## Expressions, Equations, and Inequalities

### Expressions and Equations

7.EE.1	Chapter 1, Part 1 C and	Algebraic Expressions
7.EE.4		One-Step Equations with Rational Coefficients
7.EE.4		Writing Two-Step Equations
7.EE.4a		Solving Two-Step Equations

<b>November 12- December 16 (22 days)</b>			<b>Ratios and Proportional Relationships</b>
			<b>Rates and Proportionality</b>
	7.RP.1	Chapter 5, Part 1 and Chapter 7, Parts 2 and 3	Unit Rates
	7.RP. 2		Constant Rates of Change
	7.RP.2a		Proportional Relationships and Graphs
			Assessment Readiness
			<b>Proportions and Percent</b>
	7.RP.3	Chapter 6, Parts 1,2,3	Percent Increase and Decrease
	7.EE. 2		Rewriting Percent Expressions
	7.RP.3		Applications of Percent
			Review
			Unit Test
			Benchmark Test

<b>January 5 - February 2 (20 days)</b>			<b>Probability</b>	
		Chapter 8	<b>Experimental Probability</b>	
	7.SP.5		Probability	
	7.SP.6		Experimental Probability of Simple Events	
	7.SP.8		Experimental Probability of Compound Events	
	7.SP.6		Making Predictions with Experimental Probability	
			Assessment Readiness	
			Spring Break March 21-28	
			<b>Theoretical Probability and Simulations</b>	
	7.SP.7a		Theoretical Probability of Simple Events	
	7.SP.8		Theoretical Probability of Compound Events	
	7.SP.6		Making Predictions with Theoretical Probability	
	7.SP.8c		Using Technology to Conduct a Simulation	
			Review	
			Unit Test	
<b>February 3- February 28 (16 days)</b>				<b>Statistics</b>
				<b>Random Samples and Populations</b>
	7.SP.1	Chapter 8, Part 3	Populations and Samples	
	7.SP.2		Making Inferences from a Random Sample	
	7.SP.2		Generating Random Samples	
			Assessment Readiness	
		Chapter 9, Part 2 B and additional resources	<b>Analyzing and Comparing Data</b>	
	7.SP.4		Comparing Data Displayed in Dot Plots	
	7.SP.3		Comparing Data Displayed in Box Plots	
	7.SP.3		Using Statistical Measures to Compare Populations	
			Review	

			Unit Test
<b>March 1 - April 4 (20 days-- Spring Break is March 20-24)</b>			<b>Geometry</b>
9 days total			<b>Modeling Geometric Figures</b>
	7.G.1	Chapter 5, Part 2 and Chapter 12, Part 1A	Similar Shapes and Scale Drawing
	7.G.2		Geometric Drawings
	7.G.3		Cross Sections
	7.G.5		Angle Relationships
			Benchmark Test
			<b>Circumference, Area, and Volume</b>
	7.G.4	Chapter 10, Parts 1,2,3	Circumference
	7.G.4		Area of Circles
	7.G.6		Area of Composite Figures (irregular figure)
	7.G.6		Solving Surface Area Problems
	7.G.6		Solving Volume Problems
			Assessment Readiness
			UNIT TEST/REVIEW

Teach any uncovered topics and/or REVIEW FOR STATE TESTING

State Testing - April 26th and 27th