

# Pacing Guide 2018-19: Math 6

Theme	Unit	Topic	2009 SOL	2016 SOL	Pacing
<b>1<sup>st</sup> Nine Weeks</b>					
<b>Intro Week: Expectations/Pretest</b>					
Integers	Patterns	Exponents, Perfect Squares	<a href="#">6.5</a>	<a href="#">6.4</a>	8/13-8/17
	Integers	Integer Understanding/ Coordinate Plane	<a href="#">6.3</a> <a href="#">6.11</a>	<a href="#">6.3</a> <a href="#">6.8</a>	8/20-8/24
		Integer Operations	<a href="#">7.3b*</a>	<a href="#">6.6ab*</a>	8/27-9/7
		Order of Operations	<a href="#">6.8*</a>	<a href="#">6.6c*</a>	9/10-9/20
		Benchmark			
	Fractions, Decimals, Percents	<a href="#">6.2abcd*</a>	<a href="#">6.2ab*</a>	9/24-10/5	
<b>2<sup>nd</sup> Nine Weeks</b>					
Rational Numbers	Rational Number Relationships Reasoning with Rational Numbers	Fraction/Decimal Operations w/Problem Solving	<a href="#">6.4</a> <a href="#">6.6a*</a>	<a href="#">6.5a*</a>	10/9-10/19
			<a href="#">6.6b</a> <a href="#">6.7</a>	<a href="#">6.5bc</a>	10/22-11/2
			Ratios	<a href="#">6.1</a>	<a href="#">6.1</a>
		Ratios/Proportional Reasoning (continued)	<a href="#">6.1</a>	<a href="#">6.1</a> <a href="#">6.12bc</a>	11/12-12/14
		Benchmark Winter Break			
<b>3<sup>rd</sup> Nine Weeks</b>					
Patterns, Functions, and Algebra	Equations and Inequalities	Equations (Practical Problems, Translating)	<a href="#">6.18</a>	<a href="#">6.13</a>	1/3-2/8
		Inequalities (Solve-1 step)	<a href="#">6.20</a>	<a href="#">6.14</a>	
	Statistics	Graphing	<a href="#">6.14</a>	<a href="#">6.10</a>	2/11-2/22
		Measures of Center (Determine Effect)	<a href="#">6.15</a>	<a href="#">6.11</a>	
		Benchmark			
Circles	<a href="#">6.10ab</a>	<a href="#">6.7ab</a>	2/25-3/8		
<b>4<sup>th</sup> Nine Weeks</b>					
Geometry	Measurement/ Geometry	Area, Perimeter	<a href="#">6.10cd</a>	<a href="#">6.7c</a>	3/11-3/22
		Spring break			3/25-3/29
		Congruency (Identify polygons and symmetry)	<a href="#">6.12</a>	<a href="#">6.9</a>	4/1-4/5
SOL Review			(3 or 4 weeks)	4/8-?	

\*On the state assessment, items measuring this objective are assessed without the use of a calculator

**Additions from VDOE Crosswalk**

**6.6a,b** – Operations with two integers and solve practical problems [Moved from 7.3]

**6.9 EKS** – Identify regular polygons; draw lines of symmetry for regular polygons

**6.11b** – Determine the impact on measures of center when a value is added, removed, or changed [Moved from 5.16 EKS]

**6.12** – Represent proportional relationships between two quantities; determine unit rates and complete ratio tables; determine if a proportional relationship exists; and make connections among representations of proportional relationships

**6.13** – Solve practical problems with one-step linear equations

**6.13 EKS** – Write verbal expressions and sentences as algebraic expressions and equations; write algebraic expressions and equations as verbal expressions and sentences

**6.14** – Represent practical situations with inequalities; solve one-step inequalities involving addition and subtraction, and graph solutions on a number line

**6.14 EKS** – Identify a value that is a solution to an inequality

