



## 2018-2019 Pacing Guide for 6<sup>th</sup> Math

<b>First Semester</b>				
EOG Content Weight	#Days	Dates	Topics	Standards
<b>30%</b> <small>No Calculator</small>	31	Aug 9 - Sept 21	<b>Unit 1: Number System Fluency</b> multiply & divide fraction by fractions; common factors, multiples; fluently divide multi-digit; fluently perform all operations on multi-digit decimals; <i>GCF, LCM</i>	<b>MGSE6.NS.1,</b> <b>MGSE 6.NS.2,</b> <b>MGSE 6.NS.3,</b> <b>MGSE 6.NS.4</b>
<b>30%</b> <small>No Calculator</small>	15	Sep 24 - Oct 12	<b>TCSS Unit 2(5) /GA Unit 7 : Rational Explorations: Numbers &amp; their Opposites</b> absolute value, temperature, sea level, debits, credits, meaning of zero in each, plot points on line & coordinate plane, including negative numbers, opposites of numbers, ordering integers & rational numbers, draw polygons on coordinate plane	<b>MGSE 6.NS.5,</b> <b>MGSE6.NS.6abc,</b> <b>MGSE6.NS.7abcd,</b> <b>MGSE6.NS.8,</b> <b>MGSE6.G.3</b>
		Oct 12	<b>1<sup>st</sup> Nine Weeks Ends</b>	
<b>12%</b> <small>Calculator OK</small>	23	Oct 17 - Nov 16	<b>TCSS Unit 3(2): Rate, Ratio, and Proportional Reasoning Using Equivalent Fractions</b> ratios, unit rate, tape diagrams, double number lines, equations, find missing values in tables, plot values on coordinate plane, missing portion of % problems, convert measurement units)	<b>MGSE6.RP.1,</b> <b>MGSE6.RP.2,</b> <b>MGSE6.RP.3a,b,c,d</b>
<b>23%</b> <small>Calculator OK</small>	20	Nov 26 - Dec 21	<b>Unit 4(3): Expressions</b> write & evaluate numerical expressions(inc whole # exponents); wrote read evaluate algebraic expressions; use math terms (sum, term, product, coefficient...); evaluate algebraic expressions; generate equivalent expressions	<b>MGSE6.EE.1,</b> <b>MGSE6.EE.2a,</b> <b>MGSE6.EE.2b,</b> <b>MGSE6.EE.2c,</b> <b>MGSE6.EE.3,</b> <b>MGSE6.EE.4</b>
			 <b>Christmas Break</b> 	

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<b>Second Semester</b>				
EOG Content Weight	#Days	Dates	Topics	Standards
<b>23%</b> <i>Calculator OK</i>	19	Jan 7 - Feb 1	<b>Unit 5(4): 1-Step Equations &amp; Inequalities</b> determine which number or set of numbers make the equation or inequality true; write expressions & equations(positive rational numbers) to solve real world problems; write inequalities to represent constraint; independent & dependent variables; unit rate, constant speed, unit pricing; solve for missing part in % problems; convert units of measurement	<i>MGSE6.EE.5, MGSE6.EE.6, MGSE6.EE.7, MGSE6.EE.8, MGSE6.EE.9, MGSE6.EE.3abcd</i>
<b>18%</b> <i>Calculator OK</i>	24	Feb 4 - Mar 8	<b>TCSS Unit 6 / GA Unit 5: Area &amp; Volume</b> Area of triangles, parallelograms, trapezoids, & polygons(break into triangles & rectangles); Volume of right rectangular prisms; surface area using nets made up of rectangles & triangles only	<i>MGSE6.G.1, MGSE6.G.2, MGSE6.G.4</i>
		<i>Mar 14</i>	<i>3<sup>rd</sup> Nine Weeks Ends</i>	
<b>17%</b> <i>Calculator OK</i>	14	Mar 11 - Mar 29	<b>TCSS Unit 7 / GA Unit 6 : Statistics</b> recognize statistical questions; data distribution, spread, center, & shape; centers summarizes w/1 number; variations describe how it varies; dot plots, histograms, box& whisker; summarize numerical data	<i>MGSE6.SP.1, MGSE6.SP.2, MGSE6.SP.3, MGSE6.SP.4, MGSE6.SP.5</i>
		Apr 8 -	<i>Georgia Milestones EOG Review and project based learning</i>	
		After GMAS	Let's get ready for 7 <sup>th</sup> Grade!	<i>7<sup>th</sup> Grade Prep</i>
	3	May 17-21	Finals	

**Most important Standards**