

# Pearce 6<sup>th</sup> Grade Math Curriculum

## Quarter 1: The Number System

Cluster	Standard	Date	Topic	Work
		Th 7/28	<b>Beginning pages &amp; Beginning Assessments</b>	<b>3 NB</b>
		M 8/1	Place Value / Number Properties	2 NB, 2HW
		T 8/2	Multiply / Divide Wholes & Review	4 NB, 2 HW
	<b>6.NS.B.2</b>	W 8/3	<b>Quiz Division of Wholes Quiz</b>	<b>SI Quiz</b>
<b>The</b>		Th 8/4	Add & Subtract Decimals	4 NB, 1HW
		M 8/8	Multiply Decimals	2 NB, 2 HW
<b>Number</b>		T 8/9	Divide Decimals	2 NB, 1 HW
		W 8/10	Compare/Order Decimals & Review	1 NB, 1 HW
<b>System</b>	<b>6.NS.B.3</b>	Th 8/11	<b>Arithmetic with Decimals Quiz</b>	<b>SI Quiz</b>
		M 8/15	Reduce / Convert Mixed Fractions	2 NB, 3 HW
		T 8/16	Add / Subtract Fractions Like Denom	2 NB, 2 HW
<b>(31 days)</b>		W 8/17	Add / Subtract Fractions Unlike/Mixed	2 NB, 1 HW
		Th 8/18	Multiply Fractions & Mixed	2 NB, 3 HW
		M 8/22	Divide Fractions & Mixed	4 NB, 2 HW
		T 8/23	Compare & Order Fractions & Review	1 NB, 2 HW
		W 8/24	<b>Division of Fractions Quiz</b>	<b>SI Quiz</b>
	<b>6.NS.A.1</b>	Th 8/25	Curious George Primes Factor Trees	3 NB, 2 HW
		M 8/29	Factors/Multiples/LCM/GCF	3 NB, 2 HW
		T 8/30	Factors & Multiples Review	
	<b>6.NS.B.4.a,c</b>	W 8/31	<b>Factors and Multiples Quiz</b>	<b>SI Quiz</b>
		Th 9/1	PEMDAS- Order of Operations	2 NB, 1 HW
		<b>M 9/5</b>	<b>No School – Labor Day</b>	
		T 9/6	Number Lines	2 NB, 1 HW
		W 9/7	Review 2 quizzes	
	<b>6.NS.C.6.c</b>	Th 9/8	<b>Quiz Number Lines Quiz</b>	<b>SI Quiz</b>

**Pre-Test, Benchmark 1, Edmentum Tests**

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	6.NS.C.7.a,b	M 9/12	<b>Quiz Comparing Rationals Quiz</b>	<b>SI Quiz</b>
		T 9/13	Pos/Neg # & Opposites	4 NB, 1 HW
		W 9/14	Review Pos/Neg # & Opposites	
	6.NS.C.5 6.NS.C.6.a	Th 9/15	<b>Positive and Negative Numbers Quiz</b> <b>Opposites Quiz</b>	<b>SI Quizzes</b> <b>SI Quizzes</b>
		M 9/19	Add & Subtract Integers Number Line	2 NB, 1 HW
		T 9/20	Add & Subtract Integers Rules	2 NB, 1 HW
		W 9/21	Multiply & Divide Integers	4 NB, 2 HW
		Th 9/22	Absolute Value & Review	2 NB, 1 HW
	6.NS.C.7.c,d	M 9/26	<b>Absolute Value Quiz</b>	<b>SI Quiz</b>
		T 9/27	Coordinate Planes & Review	2 NB, 4 HW
	6.NS.C.6.b,c	W 9/28	<b>Coordinate Planes Quiz</b>	<b>SI Quiz</b>
		Th 9/29	Distance on C. P. & Review	2 NB, 1 HW
	6.NS.C.8	M 10/3	<b>Distance on a Coordinate Plane Quiz</b>	<b>SI Quiz</b>
		T 10/4	Review Unit	Study
		W 10/5	<b>The Number System Unit Test</b>	<b>SI Test</b>
		Th 10/6	<b>Early Release / Parent Conferences</b>	

**Fall Break 10/7 – 10/16**

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## Quarter 2: Ratios & Proportions

Cluster	Standard	Date	Topic	Work
		M 10/17	Write Ratios from Problems & 3 Ways Write Ratios from Times Tables	3 NB, 4 HW
<b>Ratios</b>		T 10/18	Review 2 Quizzes	
	<b>6.RPA.1</b> <b>6.RPA.3a</b>	W 10/19	<b>Ratios &amp; Ratio Language Quiz</b> <b>Tables &amp; Graphs of Equal Ratios Quiz</b>	<b>SI Quiz</b> <b>SI Quiz</b>
<b>&amp;</b>		Th 10/20	Unit Rates	2 NB, 1 HW
<b>Proportions</b>		M 10/24	Review 2 Quizzes	
	<b>6.RPA.2</b> <b>6.RPA.3b</b>	T 10/25	<b>Understand Unit Rates Quiz</b> <b>Unit Rate Problems Quiz</b>	<b>SI Quiz</b> <b>SI Quiz</b>
		W 10/26	Convert Units of Length	4 NB, 2 HW
<b>(17 days)</b>		Th 10/27	Convert Units of Capacity & Weight	5 NB, 4 HW
		M 10/31	Review Convert Units of Measurement	Study
	<b>6.RPA.3d</b>	T 11/1	<b>Convert Units of Measurement Quiz</b>	<b>SI Quiz</b>
		W 11/2	Write % & Convert Between D & P	4 NB, 3 HW
		Th 11/3	Is/of = %/100 Finding "is, of & %"	6 NB, 3 HW
		M 11/7	Review quiz & Unit	
	<b>6.RPA.3c</b>	T 11/8	<b>Percents Quiz</b>	<b>SI Quiz</b>
		W 11/9	<b>Ratios &amp; Proportions Unit Test</b>	<b>SI Test</b>
		<b>Th 11/10</b>	<b>No School – Veteran's Day</b>	

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## Quarter 2:      Geometry

Cluster	Standard	Date	Topic	Work
		M 11/14	Area of Squares, Rectangles Area of Parallelograms	3 NB, 2 HW
<b>Geometry</b>		T 11/15	Area of Triangles & Trapezoids	4 NB, 2 HW
		W 11/16	Area of Composite Figures & Review	2 NB, 1 HW
	<b>6.G.A.1</b>	Th 11/17	<b>Area Quiz</b>	<b>SI Quiz</b>
		M 11/21	<b>Trophies</b>	
		T 11/22	Math Game	
		<b>W 11/23</b>	<b>Thanksgiving Break</b>	
		<b>Th 11/24</b>	<b>Thanksgiving Break</b>	
		M 11/28	Volume of Rectangular Prisms & Review	2 NB, 2 HW
	<b>6.G.A.2</b>	T 11/29	<b>Volume Quiz</b>	<b>SI Quiz</b>
		W 11/30	Polygon Distance on Coordinate Grid & Review	2 NB, 2 HW
<b>(14 days)</b>	<b>6.G.A.3</b>	Th 12/1	<b>Coordinate Geometry Quiz</b>	<b>SI Quiz</b>
		M 12/5	Faces, Edges, Vertices of 3D Polygons	2 NB, 1 HW
		T 12/6	Surface Area Nets & Review Quiz/Unit	2 NB, 1 HW
	<b>6.G.A.4</b>	W 12/7	<b>Surface Area Quiz</b>	<b>SI Quiz</b>
		Th 12/8	<b>Geometry Unit Test</b>	<b>SI Test</b>
		M 12/12	Edmentum	
		T 12/13	Benchmark 2 Test	
		W 12/14	Benchmark 2 Test	
		Th 12/15	<b>Christmas Craft Fair/Party?</b>	

## Benchmark 2

**Christmas Break 12/16 – 1/1**

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## Quarter 3: Expressions & Equations

Cluster	Standard	Date	Topic	Work
		<b>M 1/2</b>	<b>Field Trip?</b>	
		T 1/3	Exponents & PEMDAS & Review	1 NB, 2 HW
<b>Expressions</b>	<b>6.EE.A.1</b>	W 1/4	<b>Write &amp; Evaluate Expressions Quiz</b>	<b>SI Quiz</b>
<b>&amp;</b>		Th 1/5	Variables & Writing Expressions	5 NB, 1 HW
		M 1/9	Review 2 Quizzes	
<b>Equations</b>	<b>6.EE.A.2.a 6.EE.A.2.b</b>	T 1/10	<b>Write Express. with Variables Quiz Parts of an Expression Quiz</b>	<b>SI Quiz</b>
		W 1/11	Evaluate Expressions & Review	2 NB, 1 HW
<b>(20 days)</b>	<b>6.EE.A.2.c</b>	Th 1/12	<b>Evaluate Expressions Quiz</b>	<b>SI Quiz</b>
		<b>M 1/16</b>	<b>No School – MLK Day</b>	
		T 1/17	D.P. & Combine Like Terms	4 NB, 1 HW
		W 1/18	Factoring & Writing Equiv. Expression	3 NB, 1 HW
		Th 1/19	Review 3 quizzes	
	<b>6.EE.A.3-4 6.EE.B.5</b>	M 1/23	<b>Equivalent Expressions Quiz Solve Equation and Inequalities Quiz</b>	<b>2 SI Quizzes</b>
	<b>6.EE.B.6</b>	T 1/24	<b>Symbolize with Expressions Quiz</b>	<b>SI Quiz</b>
	<b>6.EE.B.7</b>	W 1/25	Solve 1 Step Equations & Review	2 NB, 1 HW
		Th 1/26	<b>Write &amp; Solve Equations Quiz</b>	<b>SI Quiz</b>
		M 1/30	Write & Graph Inequalities	4 NB, 1 HW
		T 1/31	Solve 1 Step Inequalities & Review	2 NB, 1 HW
	<b>6.EE.B.8</b>	W 2/1	<b>Inequalities Quiz</b>	<b>SI Quiz</b>
		Th 2/2	Independent/Dependent Variables & Review	2 NB, 2 HW
	<b>6.EE.C.9</b>	M 2/6	Review Unit for Unit Test & Quantitative Relationships Quiz	<b>SI Quiz</b>
		T 2/7	<b>Expressions &amp; Equations</b>	<b>Unit Test</b>

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## Quarter 3:      Statistics & Probability

Cluster	Standard	Date	Topic	Work
	6.SP.A.1 6.SP.A.2	W 2/8	Review & Quiz Statistical Questions	1 NB, SI Quiz
		<b>Th 2/9</b>	<b>Gem &amp; Mineral Show Field Trip?</b>	
		M 2/13	Mean, Median, Mode, Range	3 NB, 1 HW
<b>Statistics</b>		T 2/14	Mean Absolute Deviation (M.A.D.)	2 NB, 1 HW
<b>&amp;</b>		W 2/15	Dot / Line plots & Frequency Tables	2 NB, 2 HW
<b>Probability</b>		Th 2/16	Histograms / Box & Whisker Plots	4 NB, 3 HW
<b>(11 days)</b>		<b>M 2/20</b>	<b>No School – President’s Day</b>	
		T 2/21	Review 2 quizzes	
	6.SP.A.3 6.SP.B.5.c,d	W 2/22	<b>Measures of Center &amp; Var. Quiz &amp; Data Distribution Quiz</b>	<b>2 SI Quizzes</b>
		Th 2/23	Review 2 quizzes	
	6.SP.B.4 6.SP.B.5.a,b	M 2/27	<b>Graphing Data Quiz Interpreting Data Quiz</b>	<b>2 SI Quizzes</b>
		T 2/28	Review Unit	
		W 3/1	<b>Statistics &amp; Probability Unit Test</b>	<b>SI Test</b>
		Th 3/2	<b>Teddy Bear Towers Blueprint/Rules</b>	
		M 3/6	<b>Teddy Bear Towers</b>	
		T 3/7	<b>Teddy Bear Towers</b>	
		W 3/8	<b>Teddy Bear Towers Competition</b>	
		Th 3/9	<b>Early Release / Parent Conferences</b>	

**Spring Break 3/10 – 3/19**

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Quarter 4: Prepare for Testing

**Tentative Schedule - waiting on new Testing Schedule**

Cluster	Standard	Date	Topic	Work
		M 3/20	<b>Trophies</b>	
		T 3/21	Review Unit 1 Test	
		W 3/22	Review Unit 2 Test	
		Th 3/23	Review Unit 3 Test	
		M 3/27	Review Unit 4 Test	
		T 3/28	Review Unit 5 Test	
		W 3/29	Review Benchmark 1	
		Th 3/30	Review Benchmark 2	
		M 4/3	Review Pretest	
		T 4/4	<b>Do Post Test</b>	
		W 4/5	<b>Writing AASA</b>	
		Th 4/6	<b>Trophies</b>	
		M 4/10	<b>Practice AASA</b>	
		T 4/11	<b>Math AASA Part 1</b>	
		W 4/12	<b>Reading AASA Part 1</b>	
		Th 4/13	Practice Problems	
		M 4/17	Practice Problems	
		T 4/18	<b>Math AASA Part 2</b>	
		W 4/19	<b>Reading AASA Part 2</b>	
		Th 4/20	Escape Room?	

**April 20 - May 18 Fun Activities**

**May 17 6 pm Graduation!**

**May 18 Last Day of School!**