

Pearce 7th Grade Math Curriculum

Quarter 1: Ratios & Proportional Relationships

Cluster	Standard	Date	Topic	Work
		Th 7/28	Beginning pages & Assessments	3 NB
		M 8/1	Unit Rates	3 NB, 1 HW
		T 8/2	Unit Rates, Graphs, Problems & Review	4 NB, 1 HW
Ratios	7.RP.A.1,2b	W 8/3	Unit Rate, Constant of Proport. Quiz	SI Quiz
&		Th 8/4	Proportional Relationships & Review	4NB, 3HW
Proportional	7.RP.A.2.ad	M 8/8	Proportional Relationships Quiz	SI Quiz
Relationships		T 8/9	Simple Interest	2NB, 1HW
		W 8/10	Sales Tax, Discounts	4NB, 2HW
(17 Days)		Th 8/11	Markups & Markdowns	2 NB, 1HW
		M 8/15	Tips & Commission	4 NB, 1HW
		T 8/16	% Increase / Decrease	2 NB, 2HW
		W 8/17	Is/of = %/100 & Review	2 NB, 1HW
	7.RP.A.3	Th 8/18	Percents Quiz	SI Quiz
		M 8/22	Ratios 3 Ways & Missing Value	2 NB, 2HW
		T 8/23	Writing & Solving Proportions	4 NB, 2HW
		W 8/24	TPT Ratio Test for hw & Review	4 HW
	7.RP.A.3	Th 8/25	Ratios & Proportions Quiz	SI Quiz
		M 8/29	Review for Unit Test	
		T 8/30	Ratios and Proportional Relationships	SI Test

Pre-Test, Benchmark 1, Edmentum Tests

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Quarter 1: Statistics & Probability

Cluster	Standard	Date	Topic	Work
		W 8/31	Random Sampling/ Inferences /Review	5NB, 1HW
Statistics	7.SP.A.1	Th 9/1	Understanding Sampling Quiz	SI Quiz
&		M 9/5	No School – Labor Day	
Probability		T 9/6	Mean, Median, Mode, Range & Toads	4 NB, 1 HW
		W 9/7	Mean Absolute Deviation & Review	3 NB, 1 HW
(17 days)	7.SP.A.2	Th 9/8	Sampling Analysis Quiz	SI Quiz
		M 9/12	Line Plots, Stem & Leaf	4 NB, 3 HW
		T 9/13	Box & Whisker	2 NB, 2 HW
	7.SP.B3,4	W 9/14	Review only Comparing Stat. Quiz	No Quiz
		Th 9/15	Probability & Likelihood of Event	4 NB, 3 HW
		M 9/19	Indep/Dep & Repeated Prob/ Review	4 NB, 2 HW
	7.SP.C.5	T 9/20	Understanding Probability Quiz	SI Quiz
		W 9/21	Complements & Uniform/Non-Uniform	2 NB, 2 HW
		Th 9/22	Review Theoretical Probability	
	7.SP.C.7.ab	M 9/26	Theoretical Probability Quiz	SI Quiz
		T 9/27	Experimental Probability & Review	1 NB, 3 HW
	7.SP.C.7.b	W 9/28	Experimental Probability Quiz	SI Quiz
		Th 9/29	Review Approximate Probability	
	7.SP.C.6	M 10/3	Approximate Probability Quiz	SI Quiz
		T 10/4	Review Probability Unit	
		W 10/5	Probability Unit Test	SI Test
		Th 10/6	Early Release / Parent Conferences	

Fall Break 10/7 – 10/16

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Quarter 2: The Number System

Cluster	Standard	Date	Topic	Work	
The Number System		M 10/17	+ / - & Compare / Order Decimals	3 NB, 3 HW	
		T 10/18	Add/Subtract Fractions & Mixed	4 NB, 1 HW	
		W 10/19	Compare & Order Fractions & Mixed	1 NB, 2 HW	
		Th 10/20	Compare & Order Integers	2 NB, 1 HW	
	(25 days)	M 10/24	Integers – Add / Subtract Line & Rules	7 NB, 2 HW	
		T 10/25	Absolute Value & Number Properties	4 NB, 2 HW	
		W 10/26	Review Prop. of Addition & Subtraction	Study	
		7.NS.A.1.ad	Th 10/27	Prop. of Addition & Subtraction Quiz	SI Quiz
			M 10/31	Multiply & Divide Integers	6 NB, 2 HW
			T 11/1	Decimals – Multiply Pos/Neg	2 NB, 1 HW
		W 11/2	Decimals - Divide Pos/Neg	2 NB, 1 HW	
		Th 11/3	Fractions/Mixed - Multiply Pos/Neg	2 NB, 1 HW	
		M 11/7	Fractions/Mixed - Divide Pos/Neg	2 NB, 1 HW	
		T 11/8	Primes, Composites, P. Factorization	3 NB, 1 HW	
		W 11/9	LCM & GCF	4 NB, 2 HW	
		Th 11/10	No School – Veteran’s Day		
		M 11/14	PEMDAS - Order of Operations, Review	2 NB, 1 HW	
	7.NS.A.2.ac	T 11/15	Prop. of Multiplication & Division Quiz	SI Quiz	
		W 11/16	Convert Fract./Dec./% & Review	3 NB, 1 HW	
	7.NS.A.2.d	Th 11/17	Convert Fractions to Decimals Quiz	SI Quiz	
		M 11/21	Trophies		
		T 11/22	Math Game		
		W 11/23	Thanksgiving Break		
		Th 11/24	Thanksgiving Break		
		M 11/28	Rational/Irrational & Compare & Order	4 NB, 2 HW	

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Quarter 2: The Number System

Cluster	Standard	Date	Topic	Work
		T 11/29	Complex Fractions	2 NB, 1 HW
		W 11/30	Review Compute with Rationals	
	7.NS.A.3.	Th 12/1	Compute with Rational Numbers Quiz	SI Quiz
		M 12/5	Paper Number System Test for review	
		T 12/6	Review Unit	Study
		W 12/7	Number System Unit Test	SI Test
		Th 12/8	Trophies?	
		M 12/12	Edmentum	
		T 12/13	Benchmark 2 Test	
		W 12/14	Benchmark 2 Test	
		Th 12/15	Christmas Craft Fair/Party?	

Benchmark 2

Christmas Break 12/16 – 1/1

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Quarter 3: Expressions & Equations

Cluster	Standard	Date	Topic	Work
		M 1/2	Field Trip?	
		T 1/3	Combining Like Terms Distributive Prop / Simplify Expressions	7 NB, 2HW
Expressions		W 1/4	Factoring & Combine like Rationals	1 NB, 1 HW
&		Th 1/5	Write & Evaluate Expressions & Review	2 NB, 2 HW
Equations	7.EE.A.1,2	M 1/9	Linear Expressions Quiz	SI Quiz
		T 1/10	Solving 1 Step Equations All Operations	4 NB, 3 HW
(14 days)		W 1/11	Solving 2 Step Equations	4 NB, 1 HW
		Th 1/12	Write Equations & Word Problems	2 NB, 2 HW
		M 1/16	No School – MLK Day	
		T 1/17	Review for 2 quizzes	
	7.EE.4.a	W 1/18	Symbolize & Solve Equations Quiz	SI Quiz
	7.EE.B.3	Th 1/19	Multi-step Prob. with Rational #s Quiz	SI Quiz
		M 1/23	Solve & Graph 1 & 2 Step Inequalities	6 NB, 4 HW
		T 1/24	Review for Quiz & Unit Test	
	7.EE.4.b	W 1/25	Review Symb. & Solve Inequal. Quiz	SI Quiz
		Th 1/26	Expressions & Equations Unit Test	SI Test

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Quarter 3: Geometry

Cluster	Standard	Date	Topic	Work
		M 1/30	Scale Drawings/ Similar Figures/Review	5 NB, 3 HW
Geometry	7.G.A.1	T 1/31	Scale Drawings Quiz	SI Quiz
		W 2/1	Triangles & Quadrilaterals	8 NB, 2 HW
(17 days)		Th 2/2	Perimeter & Area of Figures	4 NB, 2 HW
		M 2/6	Angle Relationships	4 NB, 2 HW
		T 2/7	Review 2 quizzes	
	7.G.A.2	W 2/8	2 D Shapes Quiz	SI Quiz
		Th 2/9	Gem & Mineral Show Field Trip?	
	7.G.A.3	M 2/13	3 Dimensional Figures Quiz	SI Quiz
		T 2/14	Circumference & Area Circles/Review	2 NB, 1 HW
	7.G.B.4	W 2/15	Circles Quiz	SI Quiz
		Th 2/16	Find Missing Angles & Review	4 NB, 2 HW
		M 2/20	No School – President’s Day	
	7.G.B.5	T 2/21	Angles Quiz	SI Quiz
		W 2/22	Find Surface Area from Nets	3 NB, 1 HW
		Th 2/23	Finding Volume	2 NB, 2 HW
		M 2/27	Review Quiz & Unit Test	Review HW
	7.G.B.6	T 2/28	Area, Surface Area, Volume Quiz	SI Quiz
		W 3/1	Geometry Unit Test	SI Test
		Th 3/2	Teddy Bear Towers Blueprint/Rules	
		M 3/6	Teddy Bear Towers	
		T 3/7	Teddy Bear Towers	
		W 3/8	Teddy Bear Towers Competition	
		Th 3/9	Early Release / Parent Conferences	

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	Trophies	
		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	Do Post Test	
		W 4/5	Writing AASA	
		Th 4/6	Trophies	
		M 4/10	Practice AASA	
		T 4/11	Math AASA Part 1	
		W 4/12	Reading AASA Part 1	
		Th 4/13	Practice Problems	
		M 4/17	Practice Problems	
		T 4/18	Math AASA Part 2	
		W 4/19	Reading AASA Part 2	
		Th 4/20	Escape Room?	

April 20 - May 18 Fun Activities

May 17 6 pm Graduation!

May 18 Last Day of School!