

Math 7 Pacing Guide

Week 1	Additive Inverse
Week 2	Adding and Subtracting Integers
Week 3	Rational Numbers
Week 4	Multiplying and Dividing
Week 5	Decimal Expansion
Week 6	Combining like terms & Distributive Property
Week 7	Equivalent Expressions
Week 8	One step equations & two step
Week 9	Two-Step Equations
Week 1	Equations and Inequalities
Week 2	Inequalities
Week 3	Unit rates / ratios
Week 4	proportional relationships
Week 5	proportional relationships
Week 6	percents
Week 7	percents
Week 8	flex
Week 9	exams
Week 1	sample and population & measures of center
Week 2	measure of variability
Week 3	data displays
Week 4	simple probability and predictions
Week 5	sample spaces and compound probability
Week 6	triangles
Week 7	angles
Week 8	scale drawings
Week 9	area and circumference
Week 1	surface area and volume
Week 2	review
Week 3	ACAP?
Week 4	calculating percents
Week 5	calculating percents
Week 6	percents project
Week 7	exponents
Week 8	exponents
Week 9	exams

		DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
WEEK 1	Standard Objectives					
	Lesson	Class Expectations and Procedures	Establishing Group Norms	[1] Understanding Additive Inverse	[1] Understanding Additive Inverse	[2] Adding Integers Using Manipulatives
WEEK 2	Standard Objectives					
	Lesson	[2] Adding Integers Using Manipulatives	[3] Subtracting Integers	[3] Subtracting Integers	[4] Real World Application of Integers	[5] Adding & Subtracting Rational Numbers
WEEK 3	Standard Objectives					
	Lesson	[5] Adding & Subtracting Rational Numbers	[5] Adding & Subtracting Rational Numbers		[6] Multiplying & Dividing Rational Numbers	[6] Multiplying & Dividing Rational Numbers
WEEK 4	Standard Objectives					
	Lesson	[6] Multiplying & Dividing Rational Numbers	[6] Multiplying & Dividing Rational Numbers	[7] Four Operations with Rational Numbers	[7] Four Operations with Rational Numbers	[7] Four Operations with Rational Numbers
WEEK 5	Standard Objectives					
	Lesson	[8] Decimal Expansions of Fractions			[1] Identifying & Combining Like Terms	[2] Equivalent Expressions Using Properties & Manipulatives
WEEK 6	Standard Objectives					
	Lesson	[2] Equivalent Expressions Using Properties & Manipulatives	[2] Equivalent Expressions Using Properties & Manipulatives	[2] Equivalent Expressions Using Properties & Manipulatives	[3] Equivalent Expressions Practice	[3] Equivalent Expressions Practice
WEEK 7	Standard Objectives					
	Lesson	[3] Equivalent Expressions Practice	[3] Equivalent Expressions Practice	[4] Applications of Equivalent Expressions		

		DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
	Standard Objectives					
WEEK 1	Lesson	[5] Solving Equations with Real-World Applications	[5] Solving Equations with Real-World Applications	[5] Solving Equations with Real-World Applications	[6] Translating Verbal Descriptions to Equations	[6] Translating Verbal Descriptions to Equations
	Standard Objectives					
WEEK 2	Lesson			[1] Solving One Step Inequalities	[2] Solving Multi Step Inequalities	[3] Inequalities in the Real World
	Standard Objectives					
WEEK 3	Lesson	[3] Inequalities in the Real World			[1] Interpreting Distance Graphs	[2] Comparing Distance Graphs
	Standard Objectives					
WEEK 4	Lesson	[2] Comparing Distance Graphs	[2] Comparing Distance Graphs	[3] Interpreting Rate Graphs	[4] Matching Graphs and Scenarios	[4] Matching Graphs and Scenarios
	Standard Objectives					
WEEK 5	Lesson		[5] Proportional Relationships in Tables	[5] Proportional Relationships in Tables	[6] Proportional Relationships in Graphs	[6] Proportional Relationships in Graphs
	Standard Objectives					
WEEK 6	Lesson	[7] Proportional Relationships in Equations	[7] Proportional Relationships in Equations	[8] Interpreting Ordered Pairs in Proportional Relationships	[9] Comparing Metric & Customary Measurements	[9] Comparing Metric & Customary Measurements
	Standard Objectives					
WEEK 7	Lesson			[1] Percents	[2] Multi-Step Ratio Problems	[3] Tax, Tip, Discount
	Standard					

		DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
WEEK 1	Standard Objectives					
	Lesson	[1] Samples, Population, and Bias	[2] Categorical and Quantitative Data Displays	[2] Categorical and Quantitative Data Displays	[3] Mean Absolute Deviation	[3] Mean Absolute Deviation
WEEK 2	Standard Objectives					
	Lesson	[4] Estimating Populations	[4] Estimating Populations		[5] Stem-and-Leaf Plots	[6] Box and Whisker Plots
WEEK 3	Standard Objectives					
	Lesson	[6] Box and Whisker Plots	[7] Collecting Data for Simulations	[8] Comparing Data Displays		
WEEK 4	Standard Objectives					
	Lesson	[1] Intro to Probability	[1] Intro to Probability	[2] Implementing an Effective Simulation	[3] Sample Space, Tree Diagrams, Fundamental Counting Principle	[4] Family Fun – Binomial Probability
WEEK 5	Standard Objectives					
	Lesson	[4] Family Fun – Binomial Probability		[5] Designing a Simulation	[5] Designing a Simulation	[6] Area and Probability
WEEK 6	Standard Objectives					
	Lesson	[6] Area and Probability	[7] Comparing Experimental and Theoretical Probability	[7] Comparing Experimental and Theoretical Probability		
WEEK 7	Standard Objectives					
	Lesson	[1] Estimating Area of Irregular Figures Using Rectangles	[1] Estimating Area of Irregular Figures Using Rectangles	[2] Estimating Area of Irregular Figures Using Trapezoids	[2] Estimating Area of Irregular Figures Using Trapezoids	[3] Scale Drawings
WEEK 8	Standard Objectives					
	Lesson	[3] Scale Drawings		[4] Finding Pi	[4] Finding Pi	[5] Deriving the Area of a Circle
WEEK 9	Standard Objectives					
	Lesson	[6] Discovering Area	[7] Circumference and Area of a Circle			

Mean, median, range
interquartile range

WEEK 7	Lesson	[5] Fill It Up Please – Part 1	[6] Manipulating Surface Area and Volume	[6] Manipulating Surface Area and Volume		
WEEK 8	Standard Objectives					
	Lesson	[1] Stock Car Racetracks	[2] A New Home for Rami	[3] Discovering the Golden Ratio	[4] Maximizing Area	[5] Measuring Curves
WEEK 9	Standard Objectives					
	Lesson					