

7Th Grade Next Generation Standards Timeline: Ready Classroom 2020

Concepts	Unit	Next Gen Alignment	Time Frame	Month
	DIAGNOSTIC TESTING		3 days	September
Lesson 0	Introduction to Ready Classroom		5 days	September
Lesson 1 Solve Problems Involving Scale	Unit 1: Proportional Relationships: Ratios, Rates, and Circles	7.G.A.1 7.RP.A.1 7.RP.A.2 7.RP.A.2a 7.RP.A.2b 7.RP.A.2c 7.RP.A.2d 7.G.B.4	5 days	September
Lesson 2 Find Unit Rates Involving Ratios of Fractions			3 days	October
Lesson 3 Understand Proportional Relationships			3 days	October
Lesson 4 Represent Proportional Relationships			4 days	October
Lesson 5 Solve Proportional Relationship Problems			3 days	October
Lesson 6 Solve Area and Circumference Problems Involving Circles			4 days	October
Math in Action and Unit Assessment: Scale Drawings, Ratios and Proportions			3 days	October
Lesson 7 Understand Addition with Negative Integers	Unit 2: Numbers and Operations: Add and Subtract Rational Numbers	7.NS.A.1 7.NS.A.1a 7.NS.A.1b 7.NS.A.1c 7.NS.A.1d	3 days	November
Lesson 8 Add with Negative Numbers			4 days	November
Lesson 9 Understand Subtraction with Negative Integers			3 days	November
Lesson 10 Add and Subtract Positive and Negative Numbers			4 days	November
Math in Action and Unit Assessment: Adding Positive and Negative Numbers			3 days	December

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Lesson 11 Understand Multiplication with Negative Integers	Unit 3: Numbers and Operations: Multiply and Divide Rational Numbers	7.NS.A.2 7.NS.A.2a 7.NS.A.2b 7.NS.A.2c 7.NS.A.2d 7.NS.A.3 7.EE.B.3	3 days	December
Lesson 12 Multiply and Divide with Negative Numbers			4 days	December
Lesson 13 Express Rational Numbers as Terminating or Repeating Decimals			4 days	December
Lesson 14 Use the Four Operations with Negative Numbers			4 days	December
Math in Action and Unit Assessment: Use Rational Numbers			3 days	December /January
	DIAGNOSTIC TESTING		3 days	January
Lesson 15 Write Equivalent Expressions Involving Rational Numbers	Unit 4: Algebraic Thinking: Expressions, Equations, and Inequalities	7.EE.A.1 7.EE.A.2 7.EE.B.4 7.EE.B.4a 7.EE.B.4b	4 days	January
Lesson 16 Understand Reasons for Rewriting Expressions			3 days	January
Lesson 17 Understand Multi-Step Equations			3 days	January
Lesson 18 Write and Solve Multi-Step Equations			4 days	January/ February
Lesson 19 Write and Solve Inequalities			5 days	January
Math in Action and Unit Assessment: Expressions, Equations and Inequalities			3 days	February
Lesson 20 Solve Problems Involving Percents	Unit 5: Proportional Reasoning: Percents and Statistical Samples	7.RP.A.3 7.SP.A.1 7.SP.A.2 7.SP.A.3 7.SP.A.4	5 days	February
Lesson 21 Solve Problems Involving Percent Change and Percent Error			4 days	February
Lesson 22 Understand Random Sampling			3 days	March
Lesson 23 Reason About Random Samples			4 days	March

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Lesson 24 Compare Populations	Unit 5: (continued)		4 days	March
Math in Action and Unit Assessment: Percents and Random Sampling			3 days	March
Lesson 25 Solve Problems Involving Area and Surface Area	Unit 6: Geometry: Solids, Triangles and Angles	7.G.B.5 7.G.B.6 7.G.A.2 7.G.A.3	5 days	April
Lesson 26 Solve Problems Involving Volume			4 days	April
Lesson 27 Describe Plane Sections of Three Dimensional Figures			3 days	April
Lesson 28 Find Unknown Angle Measures			4 days	April
Lesson 29 Draw Plane Figures with Given Conditions			5 days	April/May
Math in Action and Unit Assessment: Solid Figures and Plane Figures			3 days	May
	DIAGNOSTIC TESTING		3 days	May
Lesson 30 Understand Probability	Unit 7: Probability: Theoretical Probability, Experimental Probability, and Compound Events	7.SP.C.5 7.SP.C.6 7.SP.C.7 7.SP.C.7a 7.SP.C.7b 7.SP.C.8 7.SP.C.8a 7.SP.C.8b 7.SP.C.8c	3 days	May
Lesson 31 Solve Problems Involving Experimental Probability			4 days	May
Lesson 32 Solve Problems Involving Probability Models			4 days	May
Lesson 33 Solve Problems Involving Compound Events			5 days	June
Math in Action and Unit Assessment: Probability			3 days	June