

7th Grade Mathematics Standards Plus[®] Lesson Index

Topic	Lesson	Focus of Lesson	Standard
Test Taking Strategies	1	Strategies I - 7	Mathematical Reasoning 1.0, 2.0
	2	Strategies I - 8	Mathematical Reasoning 1.0, 2.0
	3	Strategies I - 9	Mathematical Reasoning 1.0, 2.0
	4	Strategies I - 11	Mathematical Reasoning 1.0
	5	Strategies I - 11	Mathematical Reasoning 1.0, 2.0
Problem Solving	1	A Strategy for Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 1.2
	2	A Strategy for Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 1.2
	3	A Strategy for Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 1.2
	A1	Assessment - Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 1.2
	F1	Assessment Follow-Up	Mathematical Reasoning 1.1, 1.3 Number Sense 1.2
	4	Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 1.2
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	6	Evaluating Reasonable Solutions	Math Reasoning 1.1, 1.2, 2.2, 2.8
	A2	Assessment-Evaluating Reasonable Solutions	Math Reasoning 1.1, 1.2, 1.3, 2.2, 2.8 Number Sense 1.2
	F2	Assessment Follow-Up	Math Reasoning 1.1, 1.2, 1.3, 2.2, 2.8 Number Sense 1.2
	7	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2 Number Sense 1.2
	8	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2
	9	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2
	A3	Assessment-Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2
	F3	Assessment Follow-Up	Mathematical Reasoning 1.1, 1.3, 2.2
Maintenance	1	Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 1.2

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Topic	Lesson	Focus of Lesson	Standard
Computation	1	Ratio	Algebra and Functions 4.2
	2	Rate	Algebra and Functions 4.2
	3	Rate	Algebra and Functions 4.2
	A1	Assessment – Ratio / Rate	Algebra and Functions 4.2
	F1	Assessment Follow-Up	Algebra and Functions 4.2
	4	Proportions	Algebra and Functions 4.2
	5	Proportions	Algebra and Functions 4.2
	6	Inverse Proportions	Algebra and Functions 4.2
	A2	Assessment – Proportions	Algebra and Functions 4.2
	F2	Assessment Follow-Up	Algebra and Functions 4.2
	7	Finding Percent	Number Sense 1.3, 1.6
	8	Finding Percent of a Number	Number Sense 1.3, 1.6
	9	Finding Percentages	Number Sense 1.3, 1.6
	A3	Assessment – Finding Percent	Number Sense 1.3, 1.6
	F3	Assessment Follow-Up	Number Sense 1.3, 1.6
Maintenance	1	Ratio, Rate, Unit Rate	Algebra and Functions 4.2

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Topic	Lesson	Focus of Lesson	Standard
Number Sense	1	Adding Integers	Number Sense 1.2
	2	Subtracting Integers	Number Sense 1.2
	3	Multiplying and Dividing Integers	Number Sense 1.2
	A1	Assessment – Integer Operations	Number Sense 1.2
	F1	Assessment Follow-Up	Number Sense 1.2
	4	Exponents	Number Sense 2.1 Algebra and Functions 2.1
	5	Exponents	Number Sense 2.1, 2.3 Algebra and Functions 2.1
	6	Exponents	Number Sense 2.1, 2.3 Algebra and Functions 2.1
	A2	Assessment – Exponents	Number Sense 2.1, 2.3 Algebra and Functions 2.1
	F2	Assessment Follow-Up	Number Sense 2.1, 2.3 Algebra and Functions 2.1
	7	Absolute Value	Number Sense 2.5
	8	Opposites	Number Sense 2.5
	9	Absolute Value / Opposites	Number Sense 2.5
	A3	Assessment – Absolute Value / Opposites	Number Sense 2.5
	F3	Assessment Follow-Up	Number Sense 2.5
Maintenance	1	Integer Operations	Number Sense 1.2
	2	Exponents	Number Sense 2.1, 2.3 Algebra and Functions 2.1

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Topic	Lesson	Focus of Lesson	Standard
Algebra and Functions	1	Commutative and Identity Properties	Algebra and Functions 1.3
	2	Associative Property of Addition/ Multiplication / the Zero Property	Algebra and Functions 1.3
	3	Distributive Property	Algebra and Functions 1.3
	A1	Assessment – Properties of Rational Numbers	Algebra and Functions 1.3
	F1	Assessment Follow-Up	Algebra and Functions 1.3
	4	Solving Addition and Subtraction Equations	Algebra and Functions 1.2, 1.3
	5	Solving Multiplication and Division Equations	Algebra and Functions 1.2, 1.3
	6	Writing Equations	Algebra and Functions 1.1
	A2	Assessment – Writing and Solving Equations	Algebra and Functions 1.1, 1.2, 1.3
	F2	Assessment Follow-Up	Algebra and Functions 1.1, 1.2, 1.3
	7	Writing Equations	Algebra and Functions 1.1
	8	Writing Equations	Algebra and Functions 1.1
	9	Writing Equations	Algebra and Functions 1.1
	A3	Assessment – Writing Equations	Algebra and Functions 1.1
	F3	Assessment Follow-Up	Algebra and Functions 1.1
	10	Solving Addition and Subtraction Equations	Algebra and Functions 1.3
	11	Solving Multiplication and Division Equations	Algebra and Functions 1.3
	12	Solving Two-Step Equations	Algebra and Functions 4.1
	A4	Assessment – Solving Equations	Algebra and Functions 1.3, 4.1
	F4	Assessment Follow-Up	Algebra and Functions 1.3, 4.1
	13	Inequalities	Algebra and Functions 1.1
	14	Solving Inequalities by Adding or Subtracting	Algebra and Functions 1.1
	15	Solving Inequalities by Multiplying and Dividing	Algebra and Functions 1.1
	A5	Assessment – Write, Graph, Solve Inequalities	Algebra and Functions 1.1
	F5	Assessment Follow-Up	Algebra and Functions 1.1
Maintenance	1	Maintenance – Properties of Rational Numbers	Algebra and Functions 1.3
	2	Maintenance – Solving Equations	Algebra and Functions 1.3, 4.1
	3	Maintenance – Writing Equations	Algebra and Functions 1.1

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Topic	Lesson	Focus of Lesson	Standard	
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	2	Area, Perimeter, and Circumference	Measurement and Geometry 2.1	
	3	Area, Perimeter, and Circumference	Measurement and Geometry 2.1	
	A1	Assessment – Perimeter, Area, Circumference	Measurement and Geometry 2.1	
	F1	Assessment Follow-Up	Measurement and Geometry 2.1	
	4	Congruent Figures	Measurement and Geometry 3.4	
	5	Congruent Figures	Measurement and Geometry 3.4	
	6	Congruent Figures	Measurement and Geometry 3.4	
	A2	Assessment – Congruent Figures	Measurement and Geometry 3.4	
	F2	Assessment Follow-Up	Measurement and Geometry 3.4	
	7	Right Triangles	Measurement and Geometry 3.3	
	8	Pythagorean Theorem	Measurement and Geometry 3.3	
	9	Pythagorean Theorem	Measurement and Geometry 3.3	
	A3	Assessment – Pythagorean Theorem	Measurement and Geometry 3.3	
	F3	Assessment Follow-Up	Measurement and Geometry 3.3	
	Maintenance	1	Maintenance – Perimeter, Area, Circumference, Congruency	Measurement and Geometry 2.1, 3.4
		2	Maintenance – Pythagorean Theorem	Measurement and Geometry 3.3

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Topic	Lesson	Focus of Lesson	Standard
Statistics and Probability	1	Stem-and-Leaf Plots	Statistics, Data Anal., & Prob. 1.1
	2	Stem-and-Leaf Plots	Statistics, Data Anal., & Prob. 1.1
	3	Quartiles	Statistics, Data Anal., & Prob. 1.3
	A1	Assessment – Stem-and-Leaf Plots / Quartiles	Statistics, Data Anal., & Prob. 1.1, 1.3
	F1	Assessment Follow-Up	Statistics, Data Anal., & Prob. 1.1, 1.3
	4	Quartiles	Statistics, Data Anal., & Prob. 1.3
	5	Box-and-Whiskers Plots	Statistics, Data Anal., & Prob. 1.1, 1.3
	6	Box-and-Whiskers Plots	Statistics, Data Anal., & Prob. 1.1, 1.3
	A2	Assessment – Quartiles / Box-and-Whiskers Plots	Statistics, Data Anal., & Prob. 1.1, 1.3
	F2	Assessment Follow-Up	Statistics, Data Anal., & Prob. 1.1, 1.3
Maintenance	1	Quartiles	Statistics, Data Anal., & Prob. 1.3

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Topic	Lesson	Focus of Lesson	Standard	
Fractions and Decimals	1	Adding and Subtracting Decimals	Number Sense 1.2, 1.5	
	2	Multiplying Decimals	Number Sense 1.2	
	3	Division of Decimals by Whole Numbers	Number Sense 1.2	
	A1	Assessment – Operations with Decimals	Number Sense 1.2	
	F1	Assessment Follow-Up	Number Sense 1.2	
	4	Repeating Decimals	Number Sense 1.2, 1.5	
	5	Dividing Decimals to Eliminate Remainders	Number Sense 1.2	
	6	Dividing Decimals by Decimals	Number Sense 1.2	
	A2	Assessment – Decimal Operations	Number Sense 1.2	
	F2	Assessment Follow-Up	Number Sense 1.2	
	7	Adding and Subtracting Like Fractions	Number Sense 1.2, 1.5	
	8	Least Common Denominator	Number Sense 1.2, 2.2	
	9	Adding and Subtracting Unlike Fractions	Number Sense 1.2, 2.2	
	A3	Assessment – Adding and Subtracting Fractions	Number Sense 1.2, 2.2	
	F3	Assessment Follow-Up	Number Sense 1.2, 2.2	
	10	Multiplying and Dividing Fractions	Number Sense 1.2	
	11	Converting Between Improper Fractions and Mixed Numbers	Number Sense 1.2	
	12	Multiplying and Dividing Mixed Numbers	Number Sense 1.2	
	A4	Assessment – Multiplying and Dividing Fractions and Mixed Numbers	Number Sense 1.2	
	F4	Assessment Follow-Up	Number Sense 1.2	
	13	Adding Mixed Numbers	Number Sense 1.2	
	14	Subtracting Mixed Numbers	Number Sense 1.2	
	15	Subtracting Mixed Numbers with Renaming	Number Sense 1.2	
	A5	Assessment – Adding and Subtracting Mixed Numbers	Number Sense 1.2	
	F5	Assessment Follow-Up	Number Sense 1.2	
	Maintenance	1	Maintenance – Operations with Decimals	Number Sense 1.2
		2	Maintenance – Operations with Fractions	Number Sense 1.2, 2.2
		3	Maintenance – Operations with Mixed Numbers	Number Sense 1.2

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Topic	Lesson	Focus of Lesson	Standard
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	2	Graph Linear Functions	Algebra and Functions 1.5, 3.3
	3	Graph Linear Functions and Slope	Algebra and Functions 1.5, 3.3
	A1	Assessment – Graph Linear Functions and Slope	Algebra and Functions 1.5, 3.3
	F1	Assessment Follow-Up	Algebra and Functions 1.5, 3.3
	4	Graph Ratios	Algebra and Functions 1.5, 3.4
	5	Graph Ratios	Algebra and Functions 1.5, 3.4
	6	Graph Ratios and Slope	Algebra and Functions 1.5, 3.4
	A2	Assessment – Graph Ratios and Slope	Algebra and Functions 1.5, 3.4
	F2	Assessment Follow-Up	Algebra and Functions 1.5, 3.4
	Maintenance	1	Maintenance – Graph Linear Functions and Slope
2		Maintenance – Graph Ratios and Slope	Algebra and Functions 1.5, 3.4

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Topic	Lesson	Focus of Lesson	Standard
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	2	Using Measures to Solve Problems	Measurement and Geometry I.3
	3	Using Measures to Solve Problems	Measurement and Geometry I.3
	A1	Assessment – Using Measures to Solve Problems	Measurement and Geometry I.3
	F1	Assessment Follow-Up	Measurement and Geometry I.3
	4	Discounts and Markups	Number Sense I.7
	5	Discounts and Markups	Number Sense I.7
	6	Commission and Profit	Number Sense I.7
	A2	Assessment – Discounts, Mark-Ups, Commission, and Profit	Number Sense I.7
	F2	Assessment Follow-Up	Number Sense I.7
	7	Commission and Profit	Number Sense I.7
	8	Simple Interest	Number Sense I.7
	9	Compound Interest	Number Sense I.7
	A3	Assessment – Commission, Profit, and Simple and Compound Interest	Number Sense I.7
	F3	Assessment Follow-Up	Number Sense I.7
Maintenance	1	Maintenance – Using Measures to Solve Problems	Measurement and Geometry I.3
	2	Maintenance – Discounts, Mark-Ups, Commission, and Profit	Number Sense I.7
	3	Maintenance – Simple and Compound Interest	Number Sense I.7