

6th Grade Mathematics Standards Plus[®] Lesson Index

Topic	Lesson	Focus of Lesson	Standard
Test Taking Strategies	1	Strategies 1, 2, and 3	Mathematical Reasoning 1.0
	2	Strategies 1, 2, 3, and 7	Mathematical Reasoning 1.0
	3	Strategies 1, 2, 3, 6, and 7	Mathematical Reasoning 1.0
	4	Strategies 1, 2, 3, 5, 6, and 7	Mathematical Reasoning 1.0
	5	Strategies 1-7	Mathematical Reasoning 1.0
	6	Strategies 1-8	Mathematical Reasoning 1.0
	7	Strategies 1-9	Mathematical Reasoning 1.0
	8	Strategies 1-9	Mathematical Reasoning 1.0
	9	Strategies 1-11	Mathematical Reasoning 1.0
	10	Strategies 1-11	Mathematical Reasoning 1.0
Problem Solving	1	Solving Word Problems	Mathematical Reasoning 1.1 Number Sense 2.3
	2	Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 2.3
	3	Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 2.3
	A1	Assessment – Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 2.3
	F1	Assessment Follow-Up	Mathematical Reasoning 1.1, 1.3 Number Sense 2.3
	4	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2
	5	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2
	6	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2
	A2	Assessment – Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2
	F2	Assessment Follow-Up	Mathematical Reasoning 1.1, 1.3, 2.2
	7	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2
	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	Problem Solving – Solving Word Problems	Mathematical Reasoning 1.1 Number Sense 2.3
	2	Problem Solving – Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2

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Topic	Lesson	Focus of Lesson	Standard
Computation	1	Adding Integers	Number Sense 2.3
	2	Subtracting Integers	Number Sense 2.3
	3	Multiplying and Dividing Integers	Number Sense 2.3
	A1	Assessment – Operations with Integers	Number Sense 2.3
	F1	Assessment Follow-Up	Number Sense 2.3
	4	Adding and Subtracting Fractions with Like Denominators	Number Sense 2.1
	5	Least Common Denominator	Number Sense 2.4
	6	Adding and Subtracting Fractions with Unlike Denominators	Number Sense 2.1, 2.4
	A2	Assessment – Adding and Subtracting Fractions	Number Sense 2.1, 2.4
	F2	Assessment Follow-Up	Number Sense 2.1, 2.4
	7	Multiplying Fractions	Number Sense 2.1, 2.2
	8	Multiplying and Dividing Fractions	Number Sense 2.1, 2.2
	9	Multiplying and Dividing Mixed Numbers	Number Sense 2.1, 2.2
	A3	Assessment – Multiplying & Dividing Fractions & Mixed Numbers	Number Sense 2.1, 2.2
	F3	Assessment Follow-Up	Number Sense 2.1, 2.2
	10	Adding Mixed Numbers	Number Sense 2.1, 2.4
	11	Subtracting Mixed Numbers	Number Sense 2.1, 2.4
	12	Subtracting Mixed Numbers with Regrouping	Number Sense 2.1, 2.4
	A4	Assessment – Adding and Subtracting Mixed Numbers	Number Sense 2.1, 2.4
	F4	Assessment Follow-Up	Number Sense 2.1, 2.4
Maintenance	1	Computation- Operations with Integers	Number Sense 2.3
	2	Computation- Adding and Subtracting Fractions	Number Sense 2.1, 2.4
	3	Computation- Adding and Subtracting Mixed Numbers	Number Sense 2.1, 2.4
	4	Computation- Multiplying and Dividing Fractions	Number Sense 2.1, 2.2

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Topic	Lesson	Focus of Lesson	Standard
Fractions and Decimals	1	Changing Percent to Decimals and Decimals to Percents	Number Sense 1.4
	2	Changing Fractions to Decimals and Decimals to Fractions	Number Sense 2.1
	3	Changing Percents, Decimals, and Fractions	Number Sense 1.4, 2.1
	A1	Assessment – Changing Percents, Decimals, and Fractions	Number Sense 1.4, 2.1
	F1	Assessment Follow-Up	Number Sense 1.4, 2.1
	4	Converting Decimals to Fractions	Number Sense 2.3
	5	Comparing and Ordering Fractions by Converting Fractions to Decimals	Number Sense 1.1
	6	Comparing and Ordering Fractions and Decimals	Number Sense 1.1
	A2	Assessment – Comparing and Ordering Fractions and Decimals	Number Sense 1.1
	F2	Assessment Follow-Up	Number Sense 1.1
	7	Comparing Fractions and Mixed Numbers	Number Sense 1.1
	8	Comparing Positive and Negative Decimals	Number Sense 1.1
	9	Order and Place Positive and Negative Fractions, Decimals, and Mixed Numbers on a Number Line	Number Sense 1.1
	A3	Assessment – Compare/Order/Place Numbers on a Number Line	Number Sense 1.1
	F3	Assessment Follow-Up	Number Sense 1.1
Maintenance	1	Fractions and Decimals – Comparing and Ordering Fractions and Decimals	Number Sense 1.1

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Topic	Lesson	Focus of Lesson	Standard
Number Sense	1	Proportions: Solving for n	Number Sense 1.3
	2	Proportions: Solving for n	Number Sense 1.3
	3	Proportions: Solving for n	Number Sense 1.3
	A1	Assessment – Proportions: Solving for n	Number Sense 1.3
	F1	Assessment Follow-Up	Number Sense 1.3
	4	Finding Percent	Number Sense 1.4
	5	Finding Percent of a Number	Number Sense 1.4
	6	Finding Percentages	Number Sense 1.4
	A2	Assessment – Finding Percent	Number Sense 1.4
	F2	Assessment Follow-Up	Number Sense 1.4
Maintenance	1	Number Sense – Proportions: Solving for n	Number Sense 1.3
	2	Number Sense – Finding Percent	Number Sense 1.4
Measurement	1	Parts of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1
	2	Circumference of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1
	3	Area of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1
	A1	Assessment – Circumference and Area of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1
	F1	Assessment – Follow-Up	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1
	4	Surface Area and Volume of Rectangular Prisms	Measurement & Geometry 1.3
	5	Surface Area of Cylinders	Measurement & Geometry 1.3 Algebra & Functions 3.1
	6	Volume of Cylinders	Measurement & Geometry 1.3 Algebra & Functions 3.1
	A2	Assessment – Surface Area and Volume of Solids	Measurement & Geometry 1.3 Algebra & Functions 3.1
	F2	Assessment – Follow-Up	Measurement & Geometry 1.3 Algebra & Functions 3.1
Maintenance	1	Measurement – Circumference and Area of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1

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Topic	Lesson	Focus of Lesson	Standard
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Computation in Context	1	Rate	Algebra & Functions 2.2
	2	Rate	Algebra & Functions 2.2
	3	Rate	Algebra & Functions 2.2
	A1	Assessment – Rate	Algebra & Functions 2.2
	F1	Assessment Follow-Up	Algebra & Functions 2.2
	4	Proportions: Solving for n	Number Sense 1.3
	5	Using Proportions to Solve Problems	Number Sense 1.3
	6	Proportions: Solving for the Length of a Side	Number Sense 1.3
	A2	Assessment – Using Proportions to Solve Problems	Number Sense 1.3
	F2	Assessment Follow-Up	Number Sense 1.3
	7	Percentage Discounted	Number Sense 1.4
	8	Calculating Tips	Number Sense 1.4
	9	Simple Interest	Number Sense 1.4
	A3	Assessment – Discounts, Tips, and Interest	Number Sense 1.4
	F3	Assessment Follow-Up	Number Sense 1.4
Maintenance	1	Computation in Context – Discounts, Tips, and Interest	Number Sense 1.4
	2	Computation in Context - Rate	Algebra & Functions 2.2

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Topic	Lesson	Focus of Lesson	Standard
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Algebra and Functions	1	Solving One-Step Equations	Algebra & Functions 1.1
	2	Solving One-Step Equations	Algebra & Functions 1.1
	3	Solving Linear Equations	Algebra & Functions 1.1
	A1	Assessment-Solving Linear Equations	Algebra & Functions 1.1
	F1	Assessment Follow-Up	Algebra & Functions 1.1
	4	Writing Algebraic Expressions	Algebra & Functions 1.2
	5	Writing Algebraic Expressions	Algebra & Functions 1.2
	6	Writing Algebraic Expressions	Algebra & Functions 1.2
	A2	Assessment-Writing Algebraic Expressions	Algebra & Functions 1.2
	F2	Assessment Follow-Up	Algebra & Functions 1.2
	7	Commutative Property	Algebra & Functions 1.3
	8	Associative Property	Algebra & Functions 1.3
	9	Distributive Property	Algebra & Functions 1.3
	A3	Assessment-Commutative, Associative, and Distributive Properties	Algebra & Functions 1.3
	F3	Assessment Follow-Up	Algebra & Functions 1.3
	10	Order of Operations	Algebra & Functions 1.2, 1.3, 1.4
	11	Order of Operations	Algebra & Functions 1.2, 1.3, 1.4
	12	Order of Operations	Algebra & Functions 1.2, 1.3, 1.4
	A4	Assessment-Order of Operations	Algebra & Functions 1.2, 1.3, 1.4
	F4	Assessment Follow-Up	Algebra & Functions 1.2, 1.3, 1.4
Maintenance	1	Algebra and Functions- Solving One-Step Equations	Algebra & Functions 1.1
	2	Algebra and Functions- Writing Algebraic Expressions	Algebra & Functions 1.2
	3	Algebra and Functions-Commutative, Associative, and Distributive Properties	Algebra & Functions 1.3
	4	Algebra and Functions- Order of Operations	Algebra & Functions 1.3, 1.4

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Topic	Lesson	Focus of Lesson	Standard
Geometry	1	Acute, Right and Obtuse Angles and Triangles	Measurement & Geometry 2.0
	2	Classifying of Triangles by Measures of Sides	Measurement & Geometry 2.0
	3	Perimeter and Area of Triangles	Algebra & Functions 3.1
	A1	Assessment- Angles and Triangles	Measurement & Geometry 2.0 Algebra & Functions 3.1
	F1	Assessment Follow-Up	Measurement & Geometry 2.0 Algebra & Functions 3.1
	4	Perimeter and Area of Rectangles	Algebra & Functions 3.1
	5	Perimeter of Quadrilaterals	Algebra & Functions 3.1
	6	Perimeter and Area of Parallelograms	Algebra & Functions 3.1
	A2	Assessment- Quadrilaterals	Algebra & Functions 3.1
	F2	Assessment Follow-Up	Algebra & Functions 3.1
	7	Vertical and Adjacent Angles	Measurement & Geometry 2.1
	8	Complementary and Supplementary Angles	Measurement & Geometry 2.1, 2.2
	9	Vertical/Adjacent/ Complementary /Supplementary Angles	Measurement & Geometry 2.1, 2.2
	A3	Assessment- Vertical/Adjacent/ Complementary/Supplementary Angles	Measurement & Geometry 2.1, 2.2
	F3	Assessment Follow-Up	Measurement & Geometry 2.1, 2.2
Maintenance	1	Geometry – Classifying Triangles by their Sides and Angles	Measurement & Geometry 2.0
	2	Geometry – Quadrilaterals	Algebra & Functions 3.1

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Topic	Lesson	Focus of Lesson	Standard
Statistics and Probability	1	Median and Mode	Statistics, Data, & Probability 1.1
	2	Mean and Range	Statistics, Data, & Probability 1.1
	3	Mean, Median, Mode, Range, and Outliers	Statistics, Data, & Probability 1.1
	A1	Assessment- Mean, Median, Mode and Range	Statistics, Data, & Probability 1.1
	F1	Assessment Follow-Up	Statistics, Data, & Probability 1.1
	4	Tree Diagrams	Statistics, Data, & Probability 3.1
	5	Determining Probability	Statistics, Data, & Probability 3.3
	6	Representing Probabilities	Statistics, Data, & Probability 3.3
	A2	Assessment-Tree Diagrams & Probability	Statistics, Data, & Probability 3.1, 3.3
	F2	Assessment Follow-Up	Statistics, Data, & Probability 3.1, 3.3
	7	Samples of Populations	Statistics, Data, & Probability 2.1, 2.2
	8	Validity of Claims	Statistics, Data, & Probability 2.5
	9	Analyzing Data Results	Statistics, Data, & Probability 2.3
	A3	Assessment- Samples, Claims, and Data Analysis	Statistics, Data, & Probability 2.1, 2.2, 2.3, 2.5
	F3	Assessment Follow-Up	Statistics, Data, & Probability 2.1, 2.2, 2.3, 2.5
Maintenance	1	Statistics and Probability – Mean, Median, Mode, and Range	Statistics, Data Analysis, and Probability 1.1
	2	Statistics and Probability – Samples of Populations	Statistics, Data Analysis, and Probability 2.1, 2.2