

**GRADE 1**

Chapter		Lesson	
1	Numbers to 20	1-1	Counting and Writing 0 to 4
		1-2	Counting and Writing 5 to 9
		1-3	Counting and Writing 10 to 14
		1-4	Counting and Writing 15 to 20
		1-5	Number Lines
2	Addition to 20	2-1	Addition with Pictures
		2-2	Counting on with Pictures
		2-3	Addition with Number Lines
		2-4	Counting on with Number Lines
		2-5	Adding by Making 10
		2-6	Doubles
		2-7	Addition Facts
		2-8	Adding Three One-Digit Numbers
3	Subtracting from 20 or Less	3-1	Subtraction with Pictures
		3-2	Counting Back with Pictures
		3-3	Counting Back on Number Lines
		3-4	Counting Up on Number Lines
		3-5	Subtracting by Making Ten
		3-6	Subtraction Facts
4	Addition and Subtraction Relationships	4-1	Understanding the Equal Sign
		4-2	Number Properties
		4-3	Addition and Subtraction Expressions
		4-4	Number Bonds
		4-5	Related Addition and Subtraction Sentences
		4-6	Unknowns in Addition and Subtraction Sentences
5	Shapes	5-1	3-D Shapes
		5-2	Attributes of 2-D Shapes
		5-3	Identifying 2-D Shapes
		5-4	Equal Parts
6	Place Value	6-1	Models of Numbers to 20
		6-2	Models of Numbers Less Than 100
		6-3	Modeling Place Value
		6-4	Place Values of Numbers Less Than 100
		6-5	Comparing Numbers Less Than 100
7	Numbers to 120	7-1	Counting to 100
		7-2	Counting to 120
		7-3	Reading and Writing Numbers to 120
8	Two-Digit Addition and Subtraction	8-1	Add Multiples of Ten
		8-2	Add Multiples of Ten to Two-Digit Numbers
		8-3	Add One-Digit and Two-Digit Numbers-No Regrouping
		8-4	Add Two-Digit Numbers-No Regrouping
		8-5	Add One-Digit and Two-Digit Numbers-Regrouping
		8-6	Add Two-Digit Numbers-Regrouping
		8-7	Subtract Multiples of Ten
9	Measurement and Data	9-1	Comparing Lengths
		9-2	Measuring Length with Nonstandard Units
		9-3	Frequency Tables
		9-4	Pictographs
10	Time and Money	10-1	Time on Digital Clocks
		10-2	Hours and Minutes on a Clock
		10-3	Time on Analog Clocks
		10-4	Coins

**GRADE 2**

Chapter		Lesson	
1	Basic Addition Facts	1-1	Number Lines
		1-2	Counting on
		1-3	Making Ten to Add
		1-4	Adding One-Digit Numbers
		1-5	Adding Three or More One-Digit Numbers
2	Basic Subtraction Facts	2-1	Counting Back
		2-2	Making Ten to Subtract
		2-3	Subtracting within Twenty
		2-4	Addition and Subtraction Expressions
		2-5	Relationship Between Addition and Subtraction
3	Numbers Less Than 100	3-1	Models of Numbers Less Than 100
		3-2	Place Values of Numbers Less Than 100
		3-3	Reading and Writing Numbers Less Than 100
		3-4	Counting by Ones, Fives, and Tens within 100
		3-5	Even and Odd Numbers to 20
		3-6	Comparing Numbers Less Than 100
4	Add Whole Numbers: Sums Less Than 100	4-1	Add One-Digit and Two-Digit Numbers-No Regrouping
		4-2	Add One-Digit and Two-Digit Numbers-Regrouping
		4-3	Add Two-digit Numbers-No Regrouping
		4-4	Add Two-digit Numbers-Regrouping
5	Subtract Whole Numbers: Minuends Less Than 100	5-1	One-and Two-Digit Differences-No Regrouping
		5-2	One-and Two-Digit Differences-Regrouping
		5-3	Subtract Two-Digit Numbers-No Regrouping
		5-4	Subtract Two-Digit Numbers-Regrouping
6	Numbers Less Than 1,000	6-1	Models of Numbers Less Than 1,000
		6-2	Place Values of Numbers Less Than 1,000
		6-3	Reading and Writing Numbers Less Than 1,000
		6-4	Counting by Ones and Tens within 1,000
		6-5	Counting by Fives and Hundreds within 1,000
		6-6	Comparing Numbers Less Than 1,000
7	Add Whole Numbers: Sums Less Than 1,000	7-1	Add Two-Digit Numbers
		7-2	Add Three-Digit and One-Digit Numbers
		7-3	Add Three-Digit and Two-Digit Numbers
		7-4	Add Two Three-Digit Numbers
		7-5	Horizontal Addition
8	Subtract Whole Numbers: Minuends Less Than 1000	8-1	Subtract One-Digit Numbers from Three-Digit Numbers
		8-2	Subtract Two-Digit Numbers from Three-Digit Numbers
		8-3	Subtract Two Three-Digit Numbers
		8-4	Subtract across Zeros
		8-5	Horizontal Subtraction and Relationships
9	Measuring Lengths	9-1	Customary Units of Measurement
		9-2	Metric Units of Measurement
		9-3	Comparing Lengths
10	Displays of Data	10-1	Tally Marks and Frequency Tables
		10-2	Pictographs
		10-3	Bar Graphs
		10-4	Line Plots
11	Two-and Three-Dimensional Figures	11-1	Attributes of Two-Dimensional Figures
		11-2	Identifying Two-Dimensional Figures
		11-3	Three-Dimensional Figures
		11-4	Equal Groups
		11-5	Equal Parts
12	Time and Money	12-1	Time on Clocks
		12-2	Using Words to Tell Time
		12-3	Coins
		12-4	Dollars and Cents

**GRADE 3**

Chapter		Lesson	
1	Place Value	1-1	Models of Numbers Less Than 10,000
		1-2	Place Values Less Than 1,000,000
		1-3	Reading and Writing Numbers Less Than 10,000
		1-4	Comparing and Ordering Numbers Less Than 10,000
		1-5	Rounding
2	Adding and Subtracting	2-1	Using Models to Add
		2-2	Using the Standard Algorithm to Add
		2-3	Using Models to Subtract
		2-4	Using the Standard Algorithm to Subtract
		2-5	Horizontal Addition and Subtraction
		2-6	Addition and Subtraction Relationships
		2-7	Estimating Sums and Differences
3	Modeling Multiplication	3-1	Equal Groups
		3-2	The Meaning of Multiplication
		3-3	Multiplication with Equal Groups and Addends
		3-4	Multiplication with Arrays
		3-5	Multiplication with Number Lines and Hundreds Charts
		3-6	The Order of Factors in Multiplication
4	Multiplication Fluency	4-1	Multiplying by Zero and One
		4-2	Multiplying by Two and Four
		4-3	Multiplying by Five and Ten
		4-4	Multiplying by Three and Six
		4-5	Multiplying by Seven, Eight, and Nine
		4-6	Basic Multiplication Facts
5	Modeling Division	5-1	Equal Groups and Division
		5-2	The Meaning of Division
		5-3	Division with Arrays
		5-4	Division with Number Lines
		5-5	Division as Repeated Subtraction
6	Division Fluency	6-1	Dividing by One and Two
		6-2	Dividing by Five and Ten
		6-3	Dividing by Three and Four
		6-4	Dividing by Six and Seven
		6-5	Dividing by Eight and Nine
		6-6	Basic Division Facts
7	Mixed Operations and Patterns	7-1	Multiplication and Division Relationships
		7-2	Expressions and Equations
		7-3	Mixed Operations
		7-4	Patterns
		7-5	Multiplying by Multiples of Ten
		7-6	Distributive Property to Multiply
8	Fractions	8-1	Fraction Basics
		8-2	Fractions as Shaded Parts
		8-3	Fractions on Number Lines
		8-4	Equivalent Fractions
		8-5	Comparing Fractions
9	Measurement	9-1	Inches and Feet
		9-2	Volume and Mass
		9-3	Clocks
		9-4	Elapsed Time
		9-5	Money
10	Data	10-1	Pictographs
		10-2	Bar Graphs
		10-3	Line Plots
11	Two-Dimensional Figures	11-1	Attributes of Two-Dimensional Figures
		11-2	Quadrilaterals
		11-3	Perimeter
		11-4	Area
		11-5	Area Extensions

**GRADE 4**

Chapter		Lesson	
1	Whole Numbers	1-1	Place Value
		1-2	Reading and Writing Numbers
		1-3	Comparing and Ordering
		1-4	Rounding
2	Adding and Subtracting Whole Numbers	2-1	Adding
		2-2	Subtracting
		2-3	Horizontal Addition and Subtraction
		2-4	Addition and Subtraction Relations
		2-5	Mixed Operations and Estimating
3	Multiplying Whole Numbers	3-1	Basic Multiplication Facts
		3-2	Products with Multiples of 10
		3-3	Multiply by One-Digit Numbers-Models
		3-4	Multiply by One-Digit Numbers-Standard Algorithm
		3-5	Multiply Two-Digit Numbers
		3-6	Horizontal Multiplication
4	Dividing Whole Numbers	4-1	Basic Division Facts
		4-2	Quotients with Multiples of Ten
		4-3	Divide with Partial Quotients-No Remainders
		4-4	Divide with the Standard Algorithm-No Remainders
		4-5	Divide with Partial Quotients-Remainders
		4-6	Divide with the Standard Algorithm-Remainders
		4-7	Horizontal Division
5	Operations and Patterns	5-1	Multiplication and Division Relations
		5-2	Mixed Operations
		5-3	Expressions and Equations
		5-4	Patterns
6	Fraction Concepts	6-1	Divisibility and Multiples
		6-2	Factors
		6-3	Fraction Introduction
		6-4	Equivalent Fraction Models
		6-5	Equivalent Fractions
		6-6	Comparing and Ordering Fractions
7	Fraction Addition and Subtraction	7-1	Fraction Decomposition
		7-2	Add Fractions without Regrouping
		7-3	Add Fractions with Regrouping
		7-4	Subtract Fractions without Regrouping
		7-5	Subtract Fractions with Regrouping
		7-6	Add and Subtract Fractions - Denominators 10 and 100
8	Multiplying Fractions	8-1	Multiplying Whole Numbers and Unit Fractions
		8-2	Multiplying Whole Numbers and Fractions
9	Decimals	9-1	Decimal Models
		9-2	Decimals on a Number Line
		9-3	Decimal Place Value
		9-4	Comparing and Ordering Decimals
		9-5	Decimals and Fractions
10	Measurement and Data	10-1	Customary Units of Length
		10-2	Customary Units of Volume and Weight
		10-3	Metric Units of Length
		10-4	Metric Units of Volume and Mass
		10-5	Units of Time and Elapsed Time
		10-6	Line Plots
11	Points, Lines, and Angles	11-1	Points and Lines
		11-2	Segments, Rays, and Angles
		11-3	Angle Measures
12	Triangles and Quadrilaterals	12-1	Classifying Triangles
		12-2	Classifying Quadrilaterals
		12-3	Perimeter of Rectangles and Squares
		12-4	Area of Rectangles and Squares
		12-5	Lines of Symmetry

## GRADE 5

Chapter		Lesson	
1	Whole Numbers and Number Sense	1-1	Place Value: Whole Numbers
		1-2	Products with Multiples of 10
		1-3	Powers of 10
		1-4	Number Properties
2	Whole Number Multiplication	2-1	Multiplying by One-Digit Numbers-Tables and Partial Products
		2-2	Multiplying by One-Digit Numbers-Standard Algorithm
		2-3	Multiplying Two Multi-Digit Numbers-Tables and Partial Products
		2-4	Multiplying Two Multi-Digit Numbers-Standard Algorithm
3	Whole Number Division	3-1	Quotients with Multiples of 10
		3-2	Dividing by One-Digit Numbers
		3-3	Dividing by Two-Digit Numbers
		3-4	Horizontal Division
4	Expressions and the Order of Operations	4-1	Whole Number Order of Operations
		4-2	Writing Expressions
5	Decimal Number Sense	5-1	Place Value: Decimals
		5-2	Comparing and Ordering Decimals
		5-3	Rounding Decimals and Estimating
6	Adding and Subtracting Decimals	6-1	Using Models to Add Decimals
		6-2	Adding Decimals
		6-3	Using Models to Subtract Decimals
		6-4	Subtracting Decimals
7	Multiplying and Dividing Decimals	7-1	Multiplying a Decimal and a Power of Ten
		7-2	Multiplying Decimals
		7-3	Dividing a Decimal and a Power of Ten
		7-4	Dividing Decimals
8	Fraction Basics	8-1	Simplifying Fractions
		8-2	LCM and Equivalent Fractions
		8-3	Comparing and Ordering Fractions
		8-4	Fraction/Decimal Equivalents
9	Fraction Operations	9-1	Adding Fractions
		9-2	Subtracting Fractions
		9-3	Using Models and Reasoning to Multiply Fractions
		9-4	Multiplying Fractions
		9-5	Dividing Fractions
10	Conversions	10-1	Customary Length Conversions
		10-2	Customary Volume and Weight Conversions
		10-3	Metric Length Conversions
		10-4	Metric Volume and Mass Conversions
		10-5	Time Conversions
11	Coordinate Planes and Line Plots	11-1	Coordinate Planes
		11-2	Patterns and Graphing
		11-3	Line Plots
12	Polygons and Prisms	12-1	Classifying Polygons
		12-2	Classifying Triangles
		12-3	Classifying Quadrilaterals
		12-4	Volumes of Rectangular Prisms

**GRADE 6**

Chapter		Lesson	
1	Whole Numbers	1-1	Dividing Using the Standard Algorithm
		1-2	Divisibility Tests
		1-3	Multiples and Factors
		1-4	Exponents and the Order of Operations
		1-5	Prime Factorization
2	Fractions and Decimals	2-1	Fractions
		2-2	Adding and Subtracting Fractions
		2-3	Multiplying and Dividing Fractions
		2-4	Adding and Subtracting Decimals
		2-5	Multiplying and Dividing Decimals
		2-6	Order of Operations with Rational Numbers
3	Basics of Algebra	3-1	Variables and Expressions
		3-2	Operations and Variable Expressions
		3-3	Properties of Operations
		3-4	Distributive Property
4	Equations and Inequalities	4-1	Equations
		4-2	Solving One-Step Equations I
		4-3	Solving One-Step Equations II
		4-4	Writing and Graphing Inequalities
		4-5	Solving One-Step Inequalities
5	Ratios and Rates	5-1	Ratios
		5-2	Rates and Conversions
		5-3	Percents
6	Integers	6-1	Introduction to Integers
		6-2	Opposites and Absolute Value
		6-3	Adding and Subtracting Integers on a Number Line
7	Coordinate Plane and Two Variable Equations	7-1	Coordinate Plane
		7-2	Distance and Reflections on a Coordinate Plane
		7-3	Relations
		7-4	Two-Variable Equations
8	Two-and Three-Dimensional Geometry	8-1	Area of Rectangles and Squares
		8-2	Area of Triangles
		8-3	Area of Parallelograms and Trapezoids
		8-4	Surface Area of Prisms and Pyramids Using Nets
		8-5	Volume of Rectangular Prisms
9	Displays of Data	9-1	Introduction to Statistics
		9-2	Dot Plots
		9-3	Histograms
10	Distributions of Data	10-1	Measures of Center
		10-2	Measures of Variation
		10-3	Box Plots
		10-4	Shapes of Distributions



## GRADE 7

Chapter		Lesson	
1	Integer Addition and Subtraction	1-1	Integers
		1-2	Integer Addition with Tiles
		1-3	Integer Addition with Number Lines
		1-4	Single-Digit Integer Addition
		1-5	Integer Subtraction with Tiles
		1-6	Single-Digit Integer Subtraction
		1-7	Multi-Digit Integer Addition and Subtraction
2	Integer Operations	2-1	Integer Multiplication
		2-2	Integer Division
		2-3	Exponents
		2-4	Order of Operations
3	Rational Numbers	3-1	GCF and LCM
		3-2	Equivalent Fractions
		3-3	Converting Fractions and Decimals
		3-4	Comparing and Ordering Rational Numbers
		3-5	Adding and Subtracting Fractions
		3-6	Multiplying and Dividing Fractions
		3-7	Operations with Rational Numbers
4	Expressions and Properties	4-1	Representations of Algebraic Expressions
		4-2	Operations and Variable Expressions
		4-3	Algebraic Expressions
		4-4	Properties of Numbers
		4-5	Modeling the Distributive Property
		4-6	Distributive Property
		4-7	Simplifying Algebraic Expressions
5	Solving Equations	5-1	Equations
		5-2	Introduction to Bar Models
		5-3	Solving One-Step Equations with Bar Models
		5-4	Solving One-Step Addition and Subtraction Equations
		5-5	Solving One-Step Multiplication and Division Equations
		5-6	Solving Two-Step Equations
		5-7	Solving Multi-Step Equations with Bar Models
		5-8	Solving Multi-Step Equations
		5-9	Solving Equations with Rational Numbers
6	Solving Inequalities	6-1	Inequalities
		6-2	Solving One-Step Addition and Subtraction Inequalities
		6-3	Solving One-Step Multiplication and Division Inequalities
		6-4	Solving Multi-Step Inequalities
7	Ratio, Proportion, and Similarity	7-1	Unit Rates
		7-2	Proportions
		7-3	Rate Conversions
		7-4	Similarity
		7-5	Scale
8	Percents	8-1	Fractions, Decimals, and Percents
		8-2	Proportions with Percents
		8-3	Proportions with Equations
		8-4	Reasoning with Percents
		8-5	Percent Change
		8-6	Discounts and Markups
9	Graphs and Functions	9-1	Coordinate Plane
		9-2	Relations
		9-3	Domain and Range
		9-4	Linear Functions
		9-5	Direct Variation Graphs
		9-6	Direct Variation Tables and Equations
10	Chapter 10: Angles and Triangles	10-1	Points and Lines
		10-2	Angles
		10-3	Complementary and Supplementary Angles
		10-4	Linear Pairs and Vertical Angles
		10-5	Lengths of Sides in Triangles
		10-6	Angle Measures in Triangles
11	Area, Surface Area, and Volume	11-1	Area of Polygons
		11-2	Circumference of Circles
		11-3	Area of Circles
		11-4	Naming Three-Dimensional Solids
		11-5	Surface Area of Cylinders and Right Prisms
		11-6	Volume of Cylinders and Right Prisms
		11-7	Surface Area of Right Pyramids
		11-8	Volume of Pyramids and Cones
12	Probability	12-1	Outcomes
		12-2	Experimental Probability
		12-3	Theoretical Probability
		12-4	Compound Independent Events
		12-5	Compound Dependent Events
		12-6	Compound Probability
13	Data Analysis	13-1	Populations, Samples, and Bias
		13-2	Making Inferences From Data
		13-3	Measures of Center
		13-4	Measures of Variation
		13-5	Comparative Inferences

## GRADE 8

Chapter		Lesson	
1	Rational Number Operations	1-1	Adding and Subtracting Integers
		1-2	Multiplying and Dividing Integers
		1-3	Adding and Subtracting Fractions
		1-4	Multiplying and Dividing Fractions
		1-5	Order of Operations
2	Solving Equations and Inequalities	2-1	Simplifying Expressions
		2-2	One-and Two-Step Equations
		2-3	Multi-Step Equations
		2-4	Equations with Rational Numbers
		2-5	Multi-Step Equations with Zero, One, or Many Solutions
		2-6	One-and Two-Step Inequalities
		2-7	Multi-Step Inequalities
3	Relations and Linear Functions	3-1	Input and Output
		3-2	Relations and Functions
		3-3	Describing Functions
		3-4	Graphs of Linear Functions
		3-5	Rules for Linear Equations
		3-6	Direct Variation
4	Linear Functions and Systems	4-1	Start Value and Rate of Change
		4-2	Slope Formula
		4-3	Slope-Intercept Form
		4-4	Writing and Graphing Equations in Slope-Intercept Form
		4-5	Solutions of Systems of Equations
		4-6	Graphing to Solve Systems of Equations
		4-7	Substitution to Solve Systems of Equations
5	Exponent Properties	5-1	Exponents
		5-2	Integer Exponents
		5-3	Product of Powers Property
		5-4	Quotient of Powers Property
		5-5	Products and Quotients of Powers to Simplify Expressions
		5-6	Power of a Power Property
		5-7	Power of a Product and Quotient Properties
6	Rational Numbers	6-1	Scientific Notation and Standard Form
		6-2	Operations with Scientific Notation
		6-3	Repeating Decimals and Fractions
		6-4	Square Roots
		6-5	Cube Roots and Order of Operations
7	Number Sets and the Pythagorean Theorem	7-1	Rational and Irrational Numbers
		7-2	Solving Equations with Squared Variables
		7-3	Pythagorean Theorem
		7-4	Distance Between Points
8	Angles and Triangles	8-1	Parallel Lines and Angle Relationships
		8-2	Angles of Triangles
		8-3	Classifying Triangles
		8-4	Angle and Side Relationships in a Triangle
		8-5	Interior and Exterior Angles of Triangles
		8-6	Angles of Polygons
9	Transformations	9-1	Introduction to Transformations
		9-2	Translations
		9-3	Reflections
		9-4	Rotational Symmetry
		9-5	Rotations
		9-6	Dilations
10	Volume	10-1	Volume of Cylinders and Prisms
		10-2	Volume of Pyramids and Cones
		10-3	Volume of Spheres
11	Scatter Plots	11-1	Reading Scatter Plots
		11-2	Lines of Fit
		11-3	Predicting with Lines of Fit
12	Frequency Tables	12-1	Two-Way Tables
		12-2	Relative Frequency Tables
		12-3	Conditional Frequency Tables



**PRE-ALGEBRA**

Chapter		Lesson	
1	Integers	1-1	Introduction to Integers
		1-2	Adding and Subtracting Integers
		1-3	Multiplying and Dividing Integers
		1-4	Order of Operations with Integers
2	Rational Numbers	2-1	Prime Factorization
		2-2	Rational Numbers
		2-3	Adding and Subtracting Fractions
		2-4	Multiplying and Dividing Fractions
		2-5	Operations with Rational Numbers
3	Basics of Algebra	3-1	Variables and Expressions
		3-2	Operations and Variable Expressions
		3-3	Properties of Numbers
		3-4	Order of Operations and Variable Expressions
4	Exponents	4-1	Exponent Properties
		4-2	GCF and LCM of Variable Expressions
		4-3	Fraction Operations with Variables
		4-4	Scientific Notation
5	Solving Equations and Inequalities	5-1	Equations and Solving One-Step Equations
		5-2	Solving Multi-Step Equations
		5-3	Solving Equations with Decimals and Fractions
		5-4	Writing and Graphing Inequalities
		5-5	Solving One-Step Inequalities
		5-6	Solving Multi-Step Inequalities
6	Proportions and Percents	6-1	Proportions
		6-2	Rates and Conversions
		6-3	Similarity and Scale
		6-4	Percent
		6-5	Percent Change
		6-6	Discount and Markup
7	Linear Functions	7-1	Relations and Functions
		7-2	Linear Functions
		7-3	Direct Variation
		7-4	Rate of Change and Slope
		7-5	Slope-Intercept Form
8	Pythagorean Theorem	8-1	Square and Cube Roots
		8-2	Rational and Irrational Numbers
		8-3	Pythagorean Theorem
		8-4	Distance Between Points
9	Geometry Basics and Angle Relationships	9-1	Introduction to Geometry
		9-2	Angle Relationships
		9-3	Parallel Lines and Angle Relationships
		9-4	Angles of Triangles
10	Transformations	10-1	Translations
		10-2	Reflections
		10-3	Rotations
		10-4	Dilations
11	Surface Area and Volume	11-1	Circumference and Area of Circles
		11-2	Introduction to Solids
		11-3	Surface Area and Volume of Prisms and Cylinders
		11-4	Surface Area and Volume of Pyramids, Cones, and Spheres
12	Probability and Statistics	12-1	Introduction to Probability
		12-2	Experimental Probability
		12-3	Theoretical Probability
		12-4	Compound Events
		12-5	Compound Probability
		12-6	Populations, Samples, and Inferences

## ALGEBRA 1

Chapter		Lesson
1	Basics of Algebra	1-1 Classifying Numbers
		1-2 Order of Operations
		1-3 Parts of Algebraic Expressions
		1-4 Expressions and Equations
		1-5 Simplifying Expressions
		1-6 Distributive Property
		1-7 Relations
		1-8 Functions
		1-9 Function Notation
2	Solving Equations	2-1 One-Step and Two-Step Equations
		2-2 Multi-Step Equations
		2-3 Equations with Rational Numbers
		2-4 Proportions
		2-5 Literal Equations
		2-6 Absolute Value Equations
3	Linear Functions	3-1 Direct Variation
		3-2 Standard Form of Linear Functions
		3-3 Rate of Change
		3-4 Slope
		3-5 Point-Slope Form
		3-6 Slope-Intercept Form
		3-7 Horizontal and Vertical Lines
		3-8 Parallel and Perpendicular Lines
		3-9 Scatter Plots and Lines of Fit
		3-10 Residuals and Correlation
		3-11 Inverse Relations
4	Solving Inequalities	4-1 One-Step and Two-Step Inequalities
		4-2 Multi-Step Inequalities
		4-3 Inequalities with Rational Numbers
		4-4 Graphing and Writing Compound Inequalities
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5	Systems of Linear Equations and Inequalities	5-1 Solutions of Systems of Equations
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6	Exponents and Exponential Functions	6-1 Integer Exponents
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9	Polynomials	9-1 Introduction to Polynomials
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11	Quadratic Equations and Functions	11-1 Parabolas
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## GEOMETRY

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		2-3 Introduction to Geometric Proof
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3	Parallel and Perpendicular Lines	3-1 Parallel Lines and Transversals
		3-2 Parallel Lines and Angle Pairs
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5	Relationships in Triangles	5-1 Bisectors
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6	Polygons and Quadrilaterals	6-1 Introduction to Polygons
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8	Similar Figures	8-1 Ratio and Proportion
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11	Perimeter, Area, and Circumference	11-1 Areas of Quadrilaterals
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## ALGEBRA 2

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3	Linear Functions	3-1	Linear Equations and Functions
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4	Linear Systems	4-1	Solving by Graphing
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5	Exponents and Roots	5-1	Multiplication and Division Properties of Exponents
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7	Polynomials	7-1	Introduction to Polynomials
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		7-3	Factoring
		7-4	Factoring-Special Cases
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		7-6	Complex Numbers
8	Quadratic Functions	8-1	Parabolas
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		8-3	Solving Quadratic Equations by Graphing
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		8-5	Solving Quadratic Equations by Completing the Square
		8-6	Solving Quadratic Equations Using the Quadratic Formula
9	Polynomial Functions	9-1	Dividing Polynomials Using Long Division
		9-2	Dividing Polynomials Using Synthetic Division
		9-3	Polynomial Equations
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10	Radical Functions and Inverses	10-1	$n$ th Root Functions
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11	Exponential and Logarithmic Functions	11-1	Exponential Functions
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13	Rational Functions	13-1	Simplifying Rational Expressions
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