Grade K -- Pennsylvania Core Standards for Mathematics

REDBIRD MATHEMATICS (McGraw Hill Education)

No.	Unit/Lesson	Counting & Cardinality			Numbers & Operations in Base Ten	Operations and Algebraic Thinking
		CC.2.1.K.A.1	CC.2.1.K.A.2	CC.2.1.K.A.3	CC.2.1.K.B.1	CC.2.2.K.A.1
0.1.0	**Numbers to 10**					
0.1.1	Count 1-4	✓	✓			
0.1.2	Count 1-5	✓	✓			
0.1.3	Count 1-7	✓	✓			
0.1.4	Count 1-9	✓	✓			
0.1.5	Count 1-10	✓	✓			
0.1.6	Count 0-10	✓	✓			
0.1.7	Represent 0-2	✓	✓			
0.1.8	Represent 0-5	✓	✓			
0.1.9	Represent 0-8	✓	✓			
0.1.10	Represent 0-10	✓	✓			
0.2.0	**Numbers to 20**					
0.2.1	Count and Represent 0-13	✓	✓			
0.2.2	Count and Represent 0-16	✓	✓			
0.2.3	Count and Represent 0-19	✓	✓			
0.2.4	Count and Represent 0-20	✓	✓			
0.3.0	**Compare Numbers to 10**					
0.3.1	Match to Find More			✓		
0.3.2	More, Fewer, and Same Amounts			✓		
0.3.3	Count to Find the Greater Number			✓		
0.3.4	Compare Two Numbers			✓		
0.3.5	Compare within 5			✓		
0.3.6	Compare within 10			✓		
0.4.0	**Understand Addition within 10**					
0.4.1	Represent Addition within 5					✓
0.4.2	Put Together Groups within 5					✓
0.4.3	Explore Number Pairs for 0–5					✓
0.4.4	Explore Number Pairs for 6–9					✓
0.4.5	Explore Number Pairs for 10					✓
0.4.6	Find Numbers that Make 10					✓
0.4.7	Represent Addition within 10					✓
0.4.8	Put Together Groups within 10					✓
0.5.0	**Understand Subtraction within 10**					
0.5.1	Decompose Numbers within 5					✓
0.5.2	Represent Subtraction within 5					✓
0.5.3	Solve Subtraction Equations within 5					✓
0.5.4	Decompose Numbers 6–9					✓
0.5.5	Represent Subtraction within 9					✓
0.5.6	Solve Subtraction Equations within 9					✓
0.5.7	Decompose 10					✓
0.5.8	Solve Subtraction Problems within 10					✓
0.6.0	**Place Value with Teen Numbers**					
0.6.1	Show 11–14 as 10 Ones and Some More				✓	
0.6.2	Show 15–19 as 10 Ones and Some More				✓	
0.6.3	Teen Numbers with Drawings and Equations				✓	
0.6.4	Compose and Decompose Teen Numbers				✓	
0.7.0	**Number Patterns**					
0.7.1	One Less/One More	✓	✓			
0.7.2	Count to 100 by Ones	✓				
0.7.3	Count to 100 by Tens	✓				
0.7.4	Count Forward	✓				

Grade 1 -- Pennsylvania Core State Standards for Mathematics

No.	Unit/Lesson	Numbers & Operations in Base Ten			Operations and Algebraic Thinking		Measurement and Data
		CC.2.1.1.B.1	CC.2.1.1.B.2	CC.2.1.1.B.3	CC.2.2.1.A.1	CC.2.2.1.A.2	CC.2.4.1.A.1
1.1.0	**Problem Solving: Addition**						
1.1.1	Model Joining Stories (to 5)			✓	✓		
1.1.2	Ways to Make 6 and 7			✓	✓		
1.1.3	Ways to Make 8 and 9			✓	✓		
1.1.4	Model Joining Stories (to 9)			✓	✓		
1.1.5	Commutative Property and Add Zero Property			✓	✓	✓	
1.1.6	Ways to Make 10			✓	✓		
1.1.7	Model Equations to Represent Addition Stories			✓	✓	✓	
1.1.8	Write Equations to Represent Addition Stories			✓	✓	✓	
1.2.0	**Problem Solving: Subtraction**						
1.2.1	Addition and Subtraction Fact Families			✓	✓	✓	
1.2.2	Model Take From Stories			✓	✓		
1.2.3	Find Missing Parts of 7 and 8			✓	✓	✓	
1.2.4	Model Equations to Represent Subtraction Stories			✓	✓		
1.2.5	Find Missing Parts of 9 and 10			✓	✓	✓	
1.2.6	Model Take-Apart/Separating Stories			✓	✓	✓	
1.2.7	Write Equations to Represent Subtraction Stories			✓	✓		
1.2.8	Compare Stories			✓	✓	✓	
1.2.9	Relate Addition and Subtraction			✓	✓	✓	
1.3.0	**Addition and Subtraction Strategies**						
1.3.1	Count On			✓	✓		
1.3.2	Use a Known Fact to Add			✓	✓		
1.3.3	Related Subtraction Facts through 12			✓	✓	✓	
1.3.4	Use 10 to Subtract			✓	✓		
1.3.5	Related Subtraction Facts through 20			✓	✓	✓	
1.3.6	Find Unknowns on Addition Table			✓	✓		
1.4.0	**More Work with Addition**						
1.4.1	Numbers Related to 10			✓	✓	✓	
1.4.2	Make 10 to Add 7 and 8			✓	✓		
1.4.3	Make 10 to Add 9			✓	✓		
1.4.4	Use Strategies to Add			✓	✓		
1.4.5	Add Three Addends			✓	✓	✓	
1.4.6	Addition and Subtraction Equations			✓	✓	✓	
1.5.0	**Understand Place Value**						
1.5.1	Count Forward to 120	✓					
1.5.2	Teen Numbers		✓				
1.5.3	Tens and Ones		✓				
1.5.4	Make Numbers with Tens and Extras		✓				
1.5.5	Compare Numbers through Hundreds		✓				
1.5.6	Read and Write Numbers	✓	✓				
1.6.0	**Use Place Value and Properties of Operations to Add and Subtract**						
1.6.1	Add Two Multiples of 10			✓			
1.6.2	Add a Multiple of 10 to a 2-Digit Number on a Hundred Chart			✓			
1.6.3	Add a Multiple of 10 to a 2-Digit Number			✓			
1.6.4	Add 2-Digit Numbers			✓			
1.6.5	Subtract Multiples of 10 from Multiples of 10			✓			
1.7.0	**Number Strategies and Measurement**						
1.7.1	Skip-Counting				✓		
1.7.2	Add or Subtract 1 and 10 on a Number Chart			✓			
1.7.3	Compare and Order Lengths						✓
1.7.4	Measure Length with Same-Size Units						✓

Grade 2 -- Pennsylvania Core State Standards for Mathematics

No.	Unit/Lesson	Numbers & Operations in Base Ten			Operations and Algebraic Thinking		Measurement and Data	
		CC.2.1.2.B.1	CC.2.1.2.B.2	CC.2.1.2.B.3	CC.2.2.2.A.1	CC.2.2.2.A.2	CC.2.4.2.A.1	CC.2.4.2.A.6
2.1.0	**Use Models to Add and Subtract**							
2.1.1	Use the Addition Table to Add			✓	✓	✓		
2.1.2	Use the Addition Table to Add and Subtract			✓	✓	✓		
2.1.3	Find Missing Addends with the Hundred Chart			✓	✓	✓		
2.1.4	Add and Subtract with the Hundred Chart			✓	✓	✓		
2.1.5	Add and Subtract within 20 Using Base Ten Blocks			✓	✓	✓		
2.1.6	Add and Subtract within 20 Using the Number Line			✓	✓	✓		
2.1.7	Add and Subtract within 100 Using Base Ten Blocks			✓	✓			
2.1.8	Add and Subtract within 100 Using the Number Line			✓	✓			
2.1.9	Use Tape Diagrams to Add			✓	✓			
2.1.10	Use Tape Diagrams to Add and Subtract			✓	✓			
2.2.0	**Use Strategies to Add and Subtract**							
2.2.1	Make a Ten to Add			✓	✓	✓		
2.2.2	Make a Ten to Subtract			✓	✓	✓		
2.2.3	Two-step Problems			✓	✓	✓		
2.2.4	Make a Simpler Problem to Add			✓	✓			
2.2.5	Make a Simpler Problem to Subtract			✓	✓			
2.2.6	Problem Solving with Sums to 100			✓	✓			
2.2.7	Problem Solving with Sums and Differences to 100			✓	✓			
2.3.0	**Numbers to 1000 and Place Value**							
2.3.1	Numbers through 100	✓	✓					
2.3.2	Numbers through 1000	✓	✓					
2.3.3	Represent Numbers on a Number Line		✓					
2.3.4	Compare Numbers Using Place Value	✓	✓					
2.4.0	**Addition with Multi-Digit Numbers**							
2.4.1	Add Tens to 2-Digit Numbers			✓	✓			
2.4.2	Find Sums of 2-Digit Numbers			✓				
2.4.3	Use Strategies to Add 3-Digit Numbers			✓				
2.4.4	Add Tens to 3-Digit Numbers			✓				
2.4.5	Find Sums of 3-Digit Numbers			✓				
2.4.6	Find Sums of Multi-Digit Numbers			✓				
2.4.7	Find Sums of More than Two Numbers			✓	✓			
2.4.8	Problem Solving with Addition			✓	✓			
2.5.0	**Subtraction with Multi-Digit Numbers**							
2.5.1	Decompose to Subtract 2-Digit Numbers			✓	✓			
2.5.2	Find Differences of 2-Digit Numbers			✓	✓			
2.5.3	Problem Solving with 2-Digit Numbers			✓	✓			
2.5.4	Use Strategies to Subtract 3-Digit Numbers			✓				
2.5.5	Subtract Tens from 3-Digit Numbers			✓				
2.5.6	Subtract 3-Digit Numbers			✓				
2.5.7	Subtract Multi-Digit Numbers			✓				
2.6.0	**Measure Length**							
2.6.1	Measurement Tools						✓	
2.6.2	Lengths in Inches and Feet						✓	
2.6.3	Lengths in Centimeters and Meters						✓	
2.6.4	Compare Lengths						✓	
2.7.0	**Add and Subtract Lengths**							
2.7.1	Find the Sums of Lengths			✓	✓	✓	✓	✓
2.7.2	Find the Differences of Lengths			✓	✓	✓	✓	✓
2.7.3	Problem Solving with Lengths			✓	✓	✓		✓
2.7.4	Compare Problems with Lengths			✓	✓	✓		✓

Grade 3 -- Pennsylvania Core State Standards for Mathematics

No.	Unit/Lesson	Numbers & Operations in Base Ten	Numbers & Operations — Fractions	Operations and Algebraic Thinking				Geometry	Measurement and Data		
		CC.2.1.3.B.1	CC.2.1.3.C.1	CC.2.2.3.A.1	CC.2.2.3.A.2	CC.2.2.3.A.3	CC.2.2.3.A.4	CC.2.3.3.A.2	CC.2.4.3.A.1	CC.2.4.3.A.2	CC.2.4.3.A.5
3.1.0	**Understand Multiplication**										
3.1.1	Equal Groups: Repeated Addition			✓							
3.1.2	Equal Groups: Unknown Items Per Group			✓							
3.1.3	Equal Groups: Unknown Number of Groups			✓							
3.1.4	Equal Groups: Rows			✓							
3.1.5	Equal Groups: The Array Model			✓							
3.1.6	Commutative Property of Multiplication			✓	✓						
3.1.7	Multiplicative Identity Property and Zero Property of Multiplication			✓							
3.1.8	Problem Solving with Multiplication			✓							
3.2.0	**Concept of Area**										
3.2.1	Compare Areas of Rectangles										✓
3.2.2	Tile Rectangles to Find Area										✓
3.2.3	Area Formula										✓
3.2.4	Decompose a Rectangle to Find Area										✓
3.2.5	Area with Customary Units			✓							✓
3.2.6	Area with Metric Units			✓							✓
3.2.7	Decompose Figures to Find Area										✓
3.3.0	**Patterns in Multiplication**										
3.3.1	Multiply by 2			✓			✓				
3.3.2	Multiply by 3 and 5			✓			✓				
3.3.3	Introduction to Multiplication Tables			✓			✓				
3.3.4	Use Multiplication Tables			✓			✓				
3.3.5	Basic Multiplication Facts			✓		✓					
3.3.6	Patterns in the Multiplication Table			✓	✓		✓				
3.3.7	Learn Multiplication Facts			✓		✓					
3.4.0	**Understand Division**										
3.4.1	Equal Groups: Unknown Items Per Group			✓							
3.4.2	Equal Groups: Unknown Number of Groups			✓							
3.4.3	Equal Groups: Tape Diagrams			✓	✓						
3.4.4	Equal Groups: Arrays			✓	✓						
3.4.5	Problem Solving with Related Facts			✓	✓	✓					
3.5.0	**Use Mixed Operations to Solve Problems**										
3.5.1	Order of Operations with Parentheses						✓				
3.5.2	Order of Operations without Parentheses						✓				
3.5.3	Associative and Commutative Properties					✓					
3.5.4	Multiples of Ten	✓					✓				
3.5.5	Tape Diagrams			✓		✓					
3.5.6	Problem Solving with Mixed Operations			✓		✓	✓				
3.6.0	**Measurement: Time, Volume, and Mass**										
3.6.1	Tell Time									✓	
3.6.2	Problem Solving with Elapsed Time									✓	
3.6.3	Liquid Volume								✓		
3.6.4	Mass								✓		
3.7.0	**Fraction Concepts**										
3.7.1	Model Equal Parts		✓					✓			
3.7.2	Use Fraction Bars to Name Fractions		✓								
3.7.3	Use Fraction Rectangles and Circles to Name Fractions		✓								
3.7.4	Find Equivalent Fractions		✓								
3.7.5	Compare Fractions		✓								
3.7.6	Find Fractions on a Number Line		✓								
3.7.7	Compare Fractions on a Number Line		✓								

Grade 4 -- Pennsylvania Core State Standards for Mathematics

No.	Unit/Lesson	Numbers & Operations in Base Ten		Numbers & Operations — Fractions			Operations and Algebraic Thinking	
		CC.2.1.4.B.1	CC.2.1.4.B.2	CC.2.1.4.C.1	CC.2.1.4.C.2	CC.2.1.4.C.3	CC.2.2.4.A.1	CC.2.2.4.A.2
4.1.0	**Foundations in Base Ten**							
4.1.1	Read and Write Multi-Digit Numbers	✓						
4.1.2	Place Value Relationships	✓						
4.1.3	Compare Numbers	✓						
4.1.4	Round Numbers	✓	✓					
4.1.5	Addition		✓					
4.1.6	Subtraction		✓					
4.1.7	Problem Solving with Addition and Subtraction		✓				✓	
4.2.0	**Multiplication and Division**							
4.2.1	Multiplication as Comparison						✓	
4.2.2	Tape Diagrams and Multiplicative Comparison						✓	
4.2.3	Find Missing Factors						✓	
4.2.4	Factors and Multiples							✓
4.2.5	Investigate Remainders						✓	
4.3.0	**Extend Multiplication Concepts**							
4.3.1	Multiply by 10, 100, and 1000		✓					
4.3.2	Estimate Products		✓					
4.3.3	Use Area Diagram to Multiply by 1-Digit Number		✓					
4.3.4	Use Distributive Property to Multiply by 1-Digit Number		✓					
4.3.5	Use Area Diagram to Multiply by 2-Digit Number		✓					
4.3.6	Use Distributive Property to Multiply by 2-Digit Number		✓					
4.3.7	Problem Solving with Multiplication		✓				✓	
4.4.0	**Extend Division Concepts**							
4.4.1	Divide 10s, 100s, and 1000s		✓					
4.4.2	Estimate Quotients		✓					
4.4.3	Area Diagrams in Division		✓					
4.4.4	Distributive Property in Division		✓					
4.4.5	Zeros in Division		✓					
4.4.6	Problem Solving with 1-Digit Divisors		✓				✓	
4.4.7	Problem Solving with Division and Other Operations		✓				✓	
4.5.0	**Equivalent Fractions**							
4.5.1	Fractions: Compare Whole Numbers to Make New Numbers			✓				
4.5.2	Compare Fractions with Models			✓				
4.5.3	Compare and Order Fractions			✓				
4.5.4	Multiply to Create Equivalent Fractions			✓				
4.5.5	Divide to Create Equivalent Fractions			✓				
4.6.0	**Operations with Fractions**							
4.6.1	Add Unit Fractions				✓			
4.6.2	Add Fractions				✓			
4.6.3	Subtract Fractions				✓			
4.6.4	Mixed Numbers				✓			
4.6.5	Improper Fractions				✓			
4.6.6	Problem Solving with Fractions with Like Denominators				✓			
4.6.7	Multiples of Unit Fractions				✓			
4.6.8	Multiply a Fraction by a Whole Number				✓			
4.6.9	Problem Solving with Fractions and Mixed Operations				✓			
4.7.0	**Decimal Fraction Concepts**							
4.7.1	Decimal Fractions			✓				
4.7.2	Add Decimal Fractions					✓		
4.7.3	Write Fractions in Decimal Notation					✓		
4.7.4	Compare Decimals in Tenths and Hundredths					✓		

Grade 5 -- Pennsylvania Core State Standards for Mathematics

No.	Unit/Lesson	Numbers & Operations in Base Ten		Numbers & Operations — Fractions		Geometry	Measurement and Data
		CC.2.1.5.B.1	CC.2.1.5.B.2	CC.2.1.5.C.1	CC.2.1.5.C.2	CC.2.3.5.A.1	CC.2.4.5.A.5
5.1.0	**Whole Numbers: Place Value & Multiplication**						
5.1.1	Place Value and Exponents	✓					
5.1.2	Multiply by 1-Digit Factors		✓				
5.1.3	Multiply by 2-Digit Factors		✓				
5.1.4	Use Algorithms with 1-Digit Factors		✓				
5.1.5	Use Algorithms with 2-Digit Factors		✓				
5.2.0	**Whole Numbers: Division**						
5.2.1	Use Multiplication to Estimate Quotients		✓				
5.2.2	Use Rounding to Estimate Quotients		✓				
5.2.3	Use Repeated Subtraction and Multiples of 10		✓				
5.2.4	Use Models with 2-Digit Divisors		✓				
5.2.5	Methods for Division		✓				
5.2.6	Problem Solving with Division		✓				
5.3.0	**Decimals: Place Value and Operations**						
5.3.1	Decimal Place Value	✓					
5.3.2	Round Decimals	✓					
5.3.3	Compare Decimals	✓					
5.3.4	Add and Subtract Decimals		✓				
5.3.5	Multiply and Divide Tenths and Hundredths		✓				
5.3.6	Multiply Decimals		✓				
5.3.7	Divide Decimals	✓	✓				
5.3.8	Problem Solving with Decimal Operations		✓				
5.4.0	**Fractions: Addition and Subtraction**						
5.4.1	Equivalent Forms			✓			
5.4.2	Find Common Denominators Using Models			✓			
5.4.3	Find Common Denominators			✓			
5.4.4	Add and Subtract Fractions and Mixed Numbers Using Models			✓			
5.4.5	Add and Subtract Fractions and Mixed Numbers			✓			
5.4.6	Estimate Sums and Differences						
5.4.7	Problem Solving with Addition and Subtraction of Fractions			✓			
5.5.0	**Fractions: Multiplication and Division**						
5.5.1	Inverse Operations				✓		
5.5.2	Multiply Fractions Using Bar Models				✓		
5.5.3	Multiply Fractions Using a Number Line				✓		
5.5.4	Multiply Fractions Using an Area Diagram				✓		
5.5.5	Scale				✓		
5.5.6	Divide Whole Numbers by Unit Fractions				✓		
5.5.7	Divide Unit Fractions by Whole Numbers				✓		
5.5.8	Problem Solving with Multiplication and Division of Fractions				✓		
5.6.0	**Volume: Right Rectangular Prisms**						
5.6.1	Unit Cubes						✓
5.6.2	Determine Volume Using Cubes						✓
5.6.3	Examine Layers, Rows, and Columns						✓
5.6.4	Explore Nets						✓
5.6.5	Volume Formulas						✓
5.6.6	Problem Solving with Volume						✓
5.7.0	**Coordinate Graphs**						
5.7.1	Coordinate Plane					✓	
5.7.2	Ordered Pairs					✓	
5.7.3	Connect Points in the Plane					✓	
5.7.4	Use the Coordinate Plane					✓	

Grade 6 -- Pennsylvania Core State Standards for Mathematics

No.	Unit/Lesson	Ratios & Proportional Relationships	The Number System		Expressions and Equations			Geometry
		CC.2.1.6.D.1	CC.2.1.6.E.1	CC.2.1.6.E.4	CC.2.2.6.B.1	CC.2.2.6.B.2	CC.2.2.6.B.3	CC.2.3.6.A.1
6.1.0	**Rational Numbers and Absolute Value**							
6.1.1	Explore Integers			✓				
6.1.2	Rational Numbers			✓				
6.1.3	Compare and Order Rational Numbers			✓				
6.1.4	Understand Absolute Value			✓				
6.1.5	Problem Solving with Absolute Value			✓				
6.2.0	**Rational Numbers in the Coordinate Plane**							
6.2.1	Graphs on the Coordinate Plane			✓				
6.2.2	Distance in the Coordinate Plane			✓				
6.2.3	Reflections on the Coordinate Plane							
6.2.4	Problem Solving with the Coordinate Plane			✓				✓
6.3.0	**Division of Fractions**							
6.3.1	Model Division with Unit Fractions		✓					
6.3.2	Model Fraction Division		✓					
6.3.3	Write Fraction Division Equations		✓					
6.3.4	Fraction Division with Equations		✓					
6.3.5	Create, Model, and Solve Problems with Fraction Division		✓					
6.3.6	Problem Solving with Fractions and Mixed Numbers		✓					
6.4.0	**Ratios and Rates**							
6.4.1	Visualize and Represent Ratios	✓						
6.4.2	Compare Ratios	✓						
6.4.3	Unit Rates	✓						
6.4.4	Graph Rates and Other Ratios	✓						
6.4.5	Convert Measurement Units	✓						
6.4.6	Problem Solving with Unit Rates	✓						
6.5.0	**Proportions and Proportional Reasoning**							
6.5.1	Write Proportions	✓						
6.5.2	Strategies to Solve Proportions	✓						
6.5.3	Percents	✓						
6.5.4	Solve Percent Problems	✓						
6.5.5	Problem Solving with Proportions	✓						
6.6.0	**Algebraic Reasoning: Write and Evaluate Expressions**							
6.6.1	Introduction to Exponents				✓			
6.6.2	Order of Operations				✓			
6.6.3	Numerical Expressions				✓			
6.6.4	Transition to Algebraic Expressions				✓			
6.6.5	Read and Write Algebraic Expressions Part 1				✓			
6.6.6	Read and Write Algebraic Expressions Part 2				✓			
6.6.7	Equivalent Expressions				✓			
6.6.8	Use Equivalent Expressions to Simplify				✓			
6.6.9	Problem Solving with Algebraic Expressions				✓			
6.7.0	**Equations and Inequalities**							
6.7.1	Check for Solutions to Equations					✓		
6.7.2	Write 1-Variable Equations					✓		
6.7.3	Solve 1-Variable Equations					✓		
6.7.4	Problem Solving with 1-Variable Equations					✓		
6.7.5	Represent 2-Variable Relationships						✓	
6.7.6	Analyze Relationships Using Tables and Graphs						✓	
6.7.7	Relate Tables and Graphs to Equations						✓	
6.7.8	Write Inequalities					✓		
6.7.9	Solutions of Inequalities					✓		

Grade 7 -- Pennsylvania Core State Standards for Mathematics

No.	Unit/Lesson	Ratios & Proportional Relationships CC.2.1.7.D.1	The Number System CC.2.1.7.E.1	Expressions and Equations CC.2.2.7.B.1	Expressions and Equations CC.2.2.7.B.3	Geometry CC.2.3.7.A.1	Geometry CC.2.3.7.A.2
7.1.0	**Operations with Integers**						
7.1.1	Add and Subtract Integers on the Number Line		✓				
7.1.2	Add and Subtract Integers		✓		✓		
7.1.3	Multiply Integers on the Number Line		✓				
7.1.4	Multiply Integers		✓				
7.1.5	Multiply and Divide Integers		✓				
7.1.6	Problem Solving with Integers		✓		✓		
7.2.0	**Operations with Rational Numbers**						
7.2.1	Add, Subtract, and Multiply Rational Numbers		✓				
7.2.2	Operations with Rational Numbers		✓				
7.2.3	Multiply and Divide Rational Numbers		✓				
7.2.4	Fractions as Division		✓				
7.2.5	Numerical Expressions with Rational Numbers				✓		
7.2.6	Decimals and Fractions		✓				
7.2.7	Problem Solving with Rational Numbers		✓		✓		
7.3.0	**Unit Rates and Proportional Reasoning**						
7.3.1	Find and Compare Unit Rates	✓					
7.3.2	Identify Proportional Relationships from Tables and Graphs	✓					
7.3.3	Proportional Relationships in Tables and Graphs	✓					
7.3.4	Tables, Graphs, and Equations of Proportional Relationships	✓					
7.3.5	Scale Drawings	✓					✓
7.3.6	Represent Proportional Relationships	✓					
7.3.7	Problem Solving with Unit Rates and Constant of Proportionality	✓			✓		
7.4.0	**Proportional Reasoning and Percents**						
7.4.1	Represent and Solve Proportions	✓					
7.4.2	Proportional Relationships and Percents	✓					
7.4.3	Proportional Relationships and Percent Change	✓					
7.4.4	Problem Solving with Percent Change	✓			✓		
7.4.5	Problem Solving with Proportional Relationships	✓			✓		
7.5.0	**Algebraic Expressions**						
7.5.1	Add and Subtract Linear Expressions			✓			
7.5.2	Expand Linear Expressions			✓			
7.5.3	Expand and Factor Linear Expressions			✓			
7.5.4	Analyze Equivalent Expressions						
7.5.5	Simplify Multi-Step Expressions			✓	✓		
7.6.0	**Write and Solve Equations and Inequalities**						
7.6.1	One-Step Equations with Rational Numbers				✓		
7.6.2	Write Multi-Step Equations to Model Problems				✓		
7.6.3	Solve Multi-Step Equations				✓		
7.6.4	Problem Solving with Equations				✓		
7.6.5	Write Inequalities to Model Problems				✓		
7.6.6	Write and Solve Inequalities Part 1				✓		
7.6.7	Write and Solve Inequalities Part 2				✓		
7.6.8	Problem Solving with Inequalities				✓		
7.7.0	**Equations in Measurement and Geometry**						
7.7.1	Circumference of a Circle					✓	
7.7.2	Area and Circumference of a Circle	✓				✓	
7.7.3	Problem Solving with Circles				✓	✓	
7.7.4	Area and Surface Area of 2- and 3-Dimensional Objects				✓	✓	
7.7.5	Surface Area and Volume of 3-Dimensional Objects				✓	✓	
7.7.6	Problem Solving with 2- and 3-Dimensional Objects				✓	✓	