

## Scope and Sequence - Third Grade

### Math 300 - 2009

<b>Unit 1</b>		<b>WHOLE NUMBERS</b>
mat03u01L1	Lesson	Patterns: Digits and Number Words
mat03u01L2	Lesson	Place Value
mat03u01L3	Lesson	Single-Digit Addition
mat03u01L4	Lesson	Single-Digit Subtraction
mat03u01L5	Lesson	Addition Problems
mat03u01L6	Lesson	Subtraction Problems
mat03u011q	Quiz	Quiz 1
mat03u01L7	Lesson	Numbers on a Number Line
mat03u01L8	Lesson	Pattern for Expanded Notation
mat03u01L9	Lesson	Adding Multi-digit Numbers
mat03u012q	Quiz	Quiz 2
mat03u01L10	Lesson	Subtracting 3-Digit Numbers
mat03u01L11	Lesson	Measurement
mat03u01L12	Lesson	Operation Symbols
mat03u013q	Quiz	Quiz 3
mat03u01L13	Lesson	Adding with Carrying
mat03u01L14	Lesson	Cardinal and Ordinal Numbers
mat03u01L15	Lesson	Standard Measurement for Time
mat03u01L16	Lesson	Calendar Time
mat03u014q	Quiz	Quiz 4
mat03u01L17	Lesson	Unit Concept Review 1
mat03u01L18	Lesson	Unit Concept Review 2
mat03u01L19	Lesson	Practice: Addition and Subtraction
mat03u015q	Quiz	Quiz 5
mat03u01altproj	Project *	Special Project
mat03u01quizbowl	Review	Review Game
mat03u01test	Test	TEST
mat03u01alttest	Test *	ALTERNATE TEST
mat03u01ref	Reference	Reference

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<b>Unit 2</b>		<b>NUMBER PATTERNS</b>
mat03u02L1	Lesson	Family of Facts
mat03u02L2	Lesson	Adding Ones, Tens, and Hundreds
mat03u02L3	Lesson	Subtracting Ones, Tens, and Hundreds
mat03u021q	Quiz	Quiz 1
mat03u02L4	Lesson	Place Value and Number Words
mat03u02L5	Lesson	Addition with Carrying
mat03u02L6	Lesson	Skip Counting and Number Words
mat03u022q	Quiz	Quiz 2
mat03u02L7	Lesson	Skip Counting and Addition with Carrying
mat03u02L8	Lesson	Fractions
mat03u02L9	Lesson	Subtracting with Borrowing
mat03u023q	Quiz	Quiz 3
mat03u02L10	Lesson	Shapes
mat03u02L11	Lesson	Money
mat03u02L12	Lesson	Review: Borrowing
mat03u02L13	Lesson	Addition: Checking Answers
mat03u02L14	Lesson	Subtraction: Checking Answers
mat03u024q	Quiz	Quiz 4
mat03u02L15	Lesson	Review: Number Order and Place Value
mat03u02L16	Lesson	Review: Addition and Subtraction Facts
mat03u025q	Quiz	Quiz 5
mat03u02altproj	Project *	Special Project
mat03u02quizbowl	Review	Review Game
mat03u02test	Test	TEST
mat03u02alttest	Test *	ALTERNATE TEST
mat03u02ref	Reference	Reference

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<b>Unit 3</b>		<b>WHOLE NUMBERS AND FRACTIONS</b>
mat03u03L1	Lesson	Fact Families, Mental Math, and Addition
mat03u03L2	Lesson	Column Addition
mat03u03L3	Lesson	Addition: With and Without Carrying
mat03u031q	Quiz	Quiz 1
mat03u03L4	Lesson	Measurements: Weight and Volume
mat03u03L5	Lesson	Fact Family, Place Value, and Number Order
mat03u03L6	Lesson	Checking Addition Problems
mat03u03L7	Lesson	More Checking Addition Problems
mat03u032q	Quiz	Quiz 2
mat03u03L8	Lesson	Subtraction with Borrowing
mat03u03L9	Lesson	Number Sentences and Symbols
mat03u03L10	Lesson	Subtraction with Borrowing and Checking
mat03u033q	Quiz	Quiz 3
mat03u03L11	Lesson	Fractions
mat03u03L12	Lesson	Fractions - Continued
mat03u03L13	Lesson	Addition Practice
mat03u03L14	Lesson	Time: AM and PM
mat03u034q	Quiz	Quiz 4
mat03u03L15	Lesson	Review: Addition, Subtraction, and Money
mat03u03L16	Lesson	Review: Story Problems, Lines, Shapes, and Measurement
mat03u035q	Quiz	Quiz 5
mat03u03altproj	Project *	Special Project
mat03u03quizbowl	Review	Review Game
mat03u03test	Test	TEST
mat03u03alttest	Test *	ALTERNATE TEST
mat03u03ref	Reference	Reference

<b>Unit 4</b>		<b>PLACE VALUE</b>
mat03u04L1	Lesson	Numbers to Thousands Place
mat03u04L2	Lesson	Addition and Skip Counting
mat03u041q	Quiz	Quiz 1
mat03u04L3	Lesson	Rounding and Estimation
mat03u04L4	Lesson	Subtraction with Borrowing
mat03u04L5	Lesson	Measurement
mat03u042q	Quiz	Quiz 2
mat03u04L6	Lesson	Number Words and Place Value
mat03u04L7	Lesson	Number Patterns
mat03u04L8	Lesson	Addition and Subtraction: Horizontal Form
mat03u043q	Quiz	Quiz 3
mat03u04L9	Lesson	Adding and Subtracting Fractions
mat03u04L10	Lesson	Roman Numerals
mat03u04L11	Lesson	Review: Subtraction with Borrowing
mat03u044q	Quiz	Quiz 4
mat03u04L12	Lesson	Review: Fractions
mat03u04L13	Lesson	Review: Word Problems and Money
mat03u045q	Quiz	Quiz 5
mat03u04altproj	Project *	Special Project
mat03u04quizbowl	Review	Review Game
mat03u04test	Test	TEST
mat03u04alttest	Test *	ALTERNATE TEST
mat03u04ref	Reference	Reference

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### Math 300 - 2009

<b>Unit 5</b>		<b>MEASUREMENT, SHAPES, AND REVIEW</b>
mat03u05L1	Lesson	Operation Symbols and Number Sense
mat03u05L2	Lesson	Multi-Digit Addition And Subtraction
mat03u05L3	Lesson	Cardinal and Ordinal Numbers
mat03u051q	Quiz	Quiz 1
mat03u05L4	Lesson	Number Patterns Using Place Value
mat03u05L5	Lesson	Measuring Temperature
mat03u052q	Quiz	Quiz 2
mat03u05L6	Lesson	Operation Symbols
mat03u05L7	Lesson	Shapes and Symmetry
mat03u05L8	Lesson	Rounding and Estimating
mat03u05L9	Lesson	Finding Perimeter
mat03u053q	Quiz	Quiz 3
mat03u05L10	Lesson	Multi-Digit Addition and Subtraction
mat03u05L11	Lesson	Odd And Even Numbers
mat03u05L12	Lesson	Review: Checking Addition
mat03u05L13	Lesson	Review: Checking Subtraction
mat03u05L14	Lesson	Review: Roman Numerals and Fractions
mat03u054q	Quiz	Quiz 4
mat03u05L15	Lesson	Review: Multiple Concepts
mat03u05L16	Lesson	Review: Story Problems
mat03u055q	Quiz	Quiz 5
mat03u05altproj	Project *	Special Project
mat03u05quizbowl	Review	Review Game
mat03u05test	Test	TEST
mat03u05alttest	Test *	ALTERNATE TEST
mat03u05ref	Reference	Reference

  

<b>Unit 6</b>		<b>MULTIPLICATION, ADDITION, AND SUBTRACTION</b>
mat03u06L1	Lesson	Multi-Digit Addition
mat03u06L2	Lesson	Skip Counting and Multiplication
mat03u06L3	Lesson	Review: Telling Time
mat03u061q	Quiz	Quiz 1
mat03u06L4	Lesson	Review: Subtraction
mat03u06L5	Lesson	Perimeter and Area
mat03u06L6	Lesson	Review: Fractions
mat03u062q	Quiz	Quiz 2
mat03u06L7	Lesson	Addition and Equivalent Fractions
mat03u06L8	Lesson	Money Computation and Roman Numerals
mat03u063q	Quiz	Quiz 3
mat03u06L9	Lesson	Multiplication
mat03u06L10	Lesson	Lines, Angles, and Temperature
mat03u06L11	Lesson	Review: Addition and Subtraction
mat03u064q	Quiz	Quiz 4
mat03u06L12	Lesson	Story Problems
mat03u06L13	Lesson	Multiple Concept Review
mat03u06L14	Lesson	Review: Calendar
mat03u065q	Quiz	Quiz 5
mat03u06altproj	Project *	Special Project
mat03u06quizbowl	Review	Review Game
mat03u06test	Test	TEST
mat03u06alttest	Test *	ALTERNATE TEST

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mat03u06ref            Reference            Reference

<b>Unit 7</b>		<b>OPERATIONS, LIKELIHOOD, AND PROBABILITY</b>
mat03u07L1	Lesson	Review: Place Value
mat03u07L2	Lesson	Review: Subtraction with Borrowing
mat03u07L3	Lesson	Multiplication Facts
mat03u071q	Quiz	Quiz 1
mat03u07L4	Lesson	Measurement
mat03u07L5	Lesson	Practicing Subtraction with Borrowing
mat03u07L6	Lesson	Mixed Numbers
mat03u072q	Quiz	Quiz 2
mat03u07L7	Lesson	Review: Expanded Notation and Roman Numerals
mat03u07L8	Lesson	Probability and Likelihood
mat03u07L9	Lesson	Math Facts
mat03u07L10	Lesson	Symmetry
mat03u073q	Quiz	Quiz 3
mat03u07L11	Lesson	Review: Money
mat03u07L12	Lesson	Multiplication Facts
mat03u074q	Quiz	Quiz 4
mat03u07L13	Lesson	Multiple Concept Review
mat03u075q	Quiz	Quiz 5
mat03u07altproj	Project *	Special Project
mat03u07quizbowl	Review	Review Game
mat03u07test	Test	TEST
mat03u07alttest	Test *	ALTERNATE TEST
mat03u07ref	Reference	Reference

<b>Unit 8</b>		<b>MEASUREMENT, FRACTIONS, AND DECIMALS</b>
mat03u08L1	Lesson	Shapes, Measurement, and Addition
mat03u08L2	Lesson	Time and Measurement
mat03u081q	Quiz	Quiz 1
mat03u08L3	Lesson	Fractions, Odd and Even Number Patterns
mat03u08L4	Lesson	Decimals
mat03u08L5	Lesson	Money Problems
mat03u082q	Quiz	Quiz 2
mat03u08L6	Lesson	Fractions, Place Value, and Measurement
mat03u08L7	Lesson	Directions
mat03u083q	Quiz	Quiz 3
mat03u08L8	Lesson	Multiplication Facts
mat03u08L9	Lesson	Multiple Concept Practice
mat03u08L10	Lesson	Review: Addition With Checking
mat03u084q	Quiz	Quiz 4
mat03u08L11	Lesson	Word Problems
mat03u08L12	Lesson	Using Graphs
mat03u085q	Quiz	Quiz 5
mat03u08altproj	Project *	Special Project
mat03u08quizbowl	Review	Review Game
mat03u08test	Test	TEST
mat03u08alttest	Test *	ALTERNATE TEST
mat03u08ref	Reference	Reference

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### Math 300 - 2009

<b>Unit 9</b>		<b>REVIEW: MULTIPLE CONCEPTS</b>
mat03u09L1	Lesson	How Numbers Work
mat03u09L2	Lesson	Math Facts
mat03u09L3	Lesson	Add/Subtract with Checking
mat03u09L4	Lesson	Multiplication
mat03u091q	Quiz	Quiz 1
mat03u09L5	Lesson	Equivalent Fractions
mat03u09L6	Lesson	Reading and Writing Fractions
mat03u09L7	Lesson	Fraction Computation
mat03u092q	Quiz	Quiz 2
mat03u09L8	Lesson	Measure: Length, Perimeter, and Area
mat03u09L9	Lesson	Measure: Money, Time, and Temperature
mat03u09L10	Lesson	Measure: Weight and Volume
mat03u093q	Quiz	Quiz 3
mat03u09L11	Lesson	Symmetry and Shapes
mat03u09L12	Lesson	Roman Numerals
mat03u094q	Quiz	Quiz 4
mat03u09L13	Lesson	Likelihood and Graphing
mat03u09L14	Lesson	Problem Solving
mat03u095q	Quiz	Quiz 5
mat03u09altproj	Project *	Special Project
mat03u09quizbowl	Review	Review Game
mat03u09test	Test	TEST
mat03u09alttest	Test *	ALTERNATE TEST
mat03u09ref	Reference	Reference

<b>Unit 10</b>		<b>BASIC MATH REVIEW</b>
mat03u10L1	Lesson	Review: Rounding and Estimation
mat03u10L2	Lesson	Review: Adding Fractions
mat03u10L3	Lesson	Review: Subtracting Fractions
mat03u10L4	Lesson	Review: Multiplication Facts
mat03u101q	Quiz	Quiz 1
mat03u10L5	Lesson	Review: Mental Math, Graphs, Likelihood
mat03u10L6	Lesson	Review: Addition and Subtraction Computation
mat03u102q	Quiz	Quiz 2
mat03u10L7	Lesson	Review: Fractions and Decimals
mat03u10L8	Lesson	Review: Add and Subtract Mixed Numbers and Fractions
mat03u10L9	Lesson	Review: Finding Missing Numbers
mat03u103q	Quiz	Quiz 3
mat03u10L10	Lesson	Review: Shapes and Symmetry
mat03u10L11	Lesson	Review: Roman Numerals
mat03u10L12	Lesson	Review: Measurement
mat03u104q	Quiz	Quiz 4
mat03u10L13	Lesson	Review: Number Symbols and Grouping
mat03u10L14	Lesson	Review: Perimeter and Area
mat03u10L15	Lesson	Review: Problem Solving
mat03u105q	Quiz	Quiz 5
mat03u10altproj	Project *	Special Project
mat03u10quizbowl	Review	Review Game
mat03u10test	Test	TEST
mat03u10alttest	Test *	ALTERNATE TEST
mat03u10ref		

**Scope and Sequence - Fourth Grade**  
**Math 400 - 2009**

<b>Unit 1</b>		<b>NUMBER SENSE AND PLACE VALUE</b>
mat04u01L1	Lesson	Place Value to 1,000s
mat04u01L2	Lesson	Single-Digit Addition
mat04u01L3	Lesson	Single-Digit Subtraction
mat04u01L4	Lesson	Multi-Digit Addition
mat04u01L5	Lesson	Multi-Digit Subtraction
mat04u01L6	Lesson	Review Place Value to 1,000s
mat04u011q	Quiz	Quiz 1
mat04u01L7	Lesson	Multiplication Facts
mat04u01L8	Lesson	Family of Facts
mat04u01L9	Lesson	Telling Time
mat04u012q	Quiz	Quiz 2
mat04u01L10	Lesson	Number Words
mat04u01L11	Lesson	Patterns
mat04u01L12	Lesson	Cardinal and Ordinal Numbers
mat04u013q	Quiz	Quiz 3
mat04u01L13	Lesson	Reading and Writing Fractions
mat04u01L14	Lesson	Practice Multiplication
mat04u01L15	Lesson	Counting Money
mat04u01L16	Lesson	Operations
mat04u014q	Quiz	Quiz 4
mat04u01L17	Lesson	Review: Numbers
mat04u01L18	Lesson	Story Problems
mat04u015q	Quiz	Quiz 5
mat04u01altproj	Project *	Special Project
mat04u01quizbowl	Review	Review Game
mat04u01test	Test	Test
mat04u01alttest	Test *	ALTERNATE TEST
mat04u01ref	Reference	Reference

**Scope and Sequence - Fourth Grade**  
**Math 400 - 2009**

<b>Unit 2</b>		<b>ROUNDING AND ESTIMATION</b>
mat04u02L1	Lesson	Operations
mat04u02L2	Lesson	Multiplication Facts: 6-10 and Review
mat04u02L3	Lesson	Using Standard Measures
mat04u021q	Quiz	Quiz 1
mat04u02L4	Lesson	Place Value to 10,000s
mat04u02L5	Lesson	Relation Symbols
mat04u02L6	Lesson	Missing Number Equations
mat04u02L7	Lesson	Review: Even and Odd Numbers
mat04u022q	Quiz	Quiz 2
mat04u02L8	Lesson	Adding and Subtracting Fractions
mat04u02L9	Lesson	Rounding Numbers to 10s
mat04u02L10	Lesson	Estimating Answers to 10s
mat04u02L11	Lesson	Review: Math Symbols
mat04u023q	Quiz	Quiz 3
mat04u02L12	Lesson	Equivalent Fractions
mat04u02L13	Lesson	Rounding Numbers to 100s
mat04u02L14	Lesson	Estimating Answers to 100s
mat04u02L15	Lesson	Review: Computation
mat04u024q	Quiz	Quiz 4
mat04u02L16	Lesson	Review: Bar Graphs and Fractions
mat04u02L17	Lesson	Review: Fractions
mat04u025q	Quiz	Quiz 5
mat04u02altproj	Project *	Special Project
mat04u02quizbowl	Review	Review Game
mat04u02test	Test	TEST
mat04u02alltest	Test *	ALTERNATE TEST
mat04u02ref	Reference	Reference

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### Math 400 - 2009

<b>Unit 3</b>		<b>WHOLE NUMBERS AND FRACTIONS</b>
mat04u03L1	Lesson	Place Value
mat04u03L2	Lesson	Rounding Numbers to 10s, 100s, and 1,000s
mat04u03L3	Lesson	Multiply with Carrying to 10s
mat04u03L4	Lesson	Multiplication Practice
mat04u031q	Quiz	Quiz 1
mat04u03L5	Lesson	Multi-Digit Addition and Subtraction
mat04u03L6	Lesson	Rounding and Estimating
mat04u03L7	Lesson	Fractions Equal to Whole Numbers
mat04u032q	Quiz	Quiz 2
mat04u03L8	Lesson	Estimate Answers to 1,000s
mat04u03L9	Lesson	Relation Symbols
mat04u03L10	Lesson	Fractions
mat04u03L11	Lesson	Add and Subtract to 10,000s
mat04u03L12	Lesson	Check Your Answers
mat04u033q	Quiz	Quiz 3
mat04u03L13	Lesson	Equivalent Fractions
mat04u03L14	Lesson	Learn Numbers to 100,000s
mat04u03L15	Lesson	Equations
mat04u034q	Quiz	Quiz 4
mat04u03L16	Lesson	Reading and Solving Story Problems
mat04u03L17	Lesson	Line Graphs
mat04u035q	Quiz	Quiz 5
mat04u03altproj	Project *	Special Project
mat04u03quizbowl	Review	Review Game
mat04u03test	Test	TEST
mat04u03alttest	Test *	ALTERNATE TEST
mat04u03ref	Reference	Reference
<b>Unit 4</b>		<b>LINES AND SHAPES</b>
mat04u04L1	Lesson	Plane and Solid Shapes
mat04u041q	Quiz	Quiz 1
mat04u04L2	Lesson	Practice Addition and Subtraction
mat04u04L3	Lesson	Place Value and Rounding
mat04u04L4	Lesson	Multiply with Carrying to 100s
mat04u042q	Quiz	Quiz 2
mat04u04L5	Lesson	Lines, Segments, End Points, Rays, Angles
mat04u04L5b	Lesson	Lines, Directions, and Maps
mat04u043q	Quiz	Quiz 3
mat04u04L6	Lesson	Review: Plane and Solid Shapes
mat04u04L7	Lesson	Fractions
mat04u04L8	Lesson	Missing Number Problems
mat04u04L9	Lesson	Review: Operation and Relation Symbols
mat04u044q	Quiz	Quiz 4
mat04u04L10	Lesson	Review: Expanded Notation and Estimation
mat04u04L11	Lesson	Review: Fractions and Place Value
mat04u045q	Quiz	Quiz 5
mat04u04altproj	Project *	Special Project
mat04u04quizbowl	Review	Review Game
mat04u04test	Test	TEST
mat04u04alttest	Test *	ALTERNATE TEST
mat04u04ref	Reference	Reference

## Scope and Sequence - Fourth Grade

### Math 400 - 2009

<b>Unit 5</b>		<b>DIVISION AND MEASUREMENT</b>
mat04u05L1	Lesson	Introduction to Division
mat04u05L2	Lesson	Multiplication
mat04u05L3	Lesson	Addition and Subtraction
mat04u05L4	Lesson	Review: Time and Number Sense
mat04u051q	Quiz	Quiz 1
mat04u05L5	Lesson	Linear Measurement
mat04u05L6	Lesson	Capacity (Dry and Liquid Measurement)
mat04u05L7	Lesson	Division Facts
mat04u05L8	Lesson	Review: Multiplication
mat04u052q	Quiz	Quiz 2
mat04u05L9	Lesson	Reading a Calendar
mat04u05L10	Lesson	Perimeter and Area
mat04u05L11	Lesson	Finding Perimeter and Area
mat04u053q	Quiz	Quiz 3
mat04u05L12	Lesson	Missing Number Problems
mat04u05L13	Lesson	Division Practice
mat04u05L14	Lesson	Roman Numerals
mat04u05L15	Lesson	Review: Regrouping
mat04u054q	Quiz	Quiz 4
mat04u05L16	Lesson	Patterns
mat04u055q	Quiz	Quiz 5
mat04u05altproj	Project *	Special Project
mat04u05quizbowl	Review	Review Game
mat04u05test	Test	TEST
mat04u05alttest	Test *	ALTERNATE TEST
mat04u05ref	Reference	Reference
<b>Unit 6</b>		<b>MULTIPLICATION AND FRACTIONS</b>
mat04u06L1	Lesson	Prime and Composite Numbers
mat04u06L2	Lesson	Multiples
mat04u06L3	Lesson	Division with Remainders
mat04u061q	Quiz	Quiz 1
mat04u06L4	Lesson	Equations and Grouping
mat04u06L5	Lesson	Proper and Improper Fractions
mat04u062q	Quiz	Quiz 2
mat04u06L6	Lesson	Multiplication Facts For 11 and 12
mat04u06L7	Lesson	Fractions and Mixed Numbers
mat04u06L8	Lesson	Review: Division and Roman Numerals
mat04u063q	Quiz	Quiz 3
mat04u06L9	Lesson	Measurements
mat04u06L10	Lesson	Equivalent Fractions
mat04u06L11	Lesson	Review: Rounding and Shapes
mat04u064q	Quiz	Quiz 4
mat04u06L12	Lesson	Factors and Multiples
mat04u06L13	Lesson	Problem Solving with Equations
mat04u065q	Quiz	Quiz 5
mat04u06altproj	Project *	Special Project
mat04u06quizbowl	Review	Review Game
mat04u06test	Test	TEST
mat04u06alttest	Test *	ALTERNATE TEST
mat04u06ref	Reference	Reference

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### Math 400 - 2009

<b>Unit 7</b>		<b>FRACTIONS AND PATTERNS</b>
mat04u07L1	Lesson	Multiplication and Division
mat04u07L2	Lesson	Factors, Multiples, and Variables
mat04u07L3	Lesson	Fractions
mat04u071q	Quiz	Quiz 1
mat04u07L4	Lesson	Multiplication and Fractions
mat04u07L5	Lesson	Average and Number Rules
mat04u07L6	Lesson	Review: Measurement and Place Value
mat04u072q	Quiz	Quiz 2
mat04u07L7	Lesson	Fractions
mat04u07L8	Lesson	Missing Number Problems
mat04u073q	Quiz	Quiz 3
mat04u07L9	Lesson	Rounding Numbers and Place Value
mat04u07L10	Lesson	Review: Shapes, Perimeter, and Area
mat04u07L11	Lesson	Fractions and Patterns
mat04u07L12	Lesson	Practice: Operations and Money
mat04u074q	Quiz	Quiz 4
mat04u07L13	Lesson	Review: Cardinal and Ordinal Numbers
mat04u075q	Quiz	Quiz 5
mat04u07altproj	Project *	Special Project
mat04u07quizbowl	Review	Review Game
mat04u07test	Test	TEST
mat04u07alttest	Test *	ALTERNATE TEST
mat04u07ref	Reference	Reference

<b>Unit 8</b>		<b>DIVISION AND FRACTIONS</b>
mat04u08L1	Lesson	Factoring and Place Value
mat04u08L2	Lesson	Review: Two-Digit Multiplication
mat04u08L3	Lesson	Fractions
mat04u081q	Quiz	Quiz 1
mat04u08L4	Lesson	Division
mat04u08L5	Lesson	Fractions
mat04u08L6	Lesson	Missing Number Problems
mat04u082q	Quiz	Quiz 2
mat04u08L7	Lesson	Multiplication
mat04u08L8	Lesson	Division
mat04u083q	Quiz	Quiz 3
mat04u08L9	Lesson	The Metric System
mat04u08L10	Lesson	Fractions
mat04u08L11	Lesson	Review: Time
mat04u084q	Quiz	Quiz 4
mat04u08L12	Lesson	Review: Operations and Rounding
mat04u08L13	Lesson	Review: Roman Numerals, Measurement, and Symbols
mat04u085q	Quiz	Quiz 5
mat04u08altproj	Project *	Special Project
mat04u08quizbowl	Review	Review Game
mat04u08test	Test	TEST
mat04u08alttest	Test *	ALTERNATE TEST
mat04u08ref	Reference	Reference

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<b>Unit 9</b>		<b>DECIMALS AND FRACTIONS</b>
mat04u09L1	Lesson	Decimals
mat04u09L2	Lesson	Money
mat04u09L3	Lesson	Multiplication of Whole Numbers
mat04u091q	Quiz	Quiz 1
mat04u09L4	Lesson	Ordered Pairs
mat04u09L5	Lesson	Division and Averages
mat04u092q	Quiz	Quiz 2
mat04u09L6	Lesson	Add and Subtract Decimals
mat04u09L7	Lesson	Fractions with Different Denominators
mat04u09L8	Lesson	Equivalent Fractions and Decimals
mat04u093q	Quiz	Quiz 3
mat04u09L9	Lesson	Multiply and Divide
mat04u09L10	Lesson	Mixed Numbers
mat04u09L11	Lesson	Sensible Answers
mat04u094q	Quiz	Quiz 4
mat04u09L12	Lesson	Review: Fractions
mat04u09L13	Lesson	Review
mat04u095q	Quiz	Quiz 5
mat04u09altproj	Project *	Special Project
mat04u09quizbowl	Review	Review Game
mat04u09test	Test	TEST
mat04u09alltest	Test *	ALTERNATE TEST
mat04u09ref	Reference	Reference

<b>Unit 10</b>		<b>GRAPHING AND REVIEW</b>
mat04u10L1	Lesson	Data Collection and Random Sampling
mat04u10L1e	Project	Project: Collecting Data
mat04u10L1e2	Project	Project: Predicting Data
mat04u10L2	Lesson	Graphs
mat04u101q	Quiz	Quiz 1
mat04u10L3	Lesson	Whole Numbers
mat04u10L4	Lesson	Decimal Numbers
mat04u102q	Quiz	Quiz 2
mat04u10L5	Lesson	Problem Solving with Fractions
mat04u10L6	Lesson	Fractions
mat04u103q	Quiz	Quiz 3
mat04u10L7	Lesson	Sizes, Shapes, and Measurements
mat04u10L8	Lesson	Word Problems and Equations
mat04u104q	Quiz	Quiz 4
mat04u10altproj	Project *	Special Project
mat04u10quizbowl	Review	Review Game
mat04u10test	Test	TEST
mat04u10alltest	Test *	ALTERNATE TEST
mat04u10ref	Reference	Reference

**Scope and Sequence - Fifth Grade**  
**Math 500 - 2009**

<b>Unit 1</b>	<b>NUMBER SENSE AND FRACTIONS</b>	
mat05u01L1	Lesson	Operations
mat05u01L2	Lesson	Place Value and Large Numbers
mat05u011Q	Quiz	Quiz 1
mat05u01L3	Lesson	Fractions
mat05u01L4	Lesson	Fractions - Words
mat05u01L5	Lesson	Operations with Fractions
mat05u01L6	Lesson	Equivalent Fractions
mat05u01L7	Lesson	Test for Equivalent Fractions
mat05u012Q	Quiz	Quiz 2
mat05u01L8	Lesson	Working with Numbers
mat05u01L9	Lesson	Mathematical Operations
mat05u013Q	Quiz	Quiz 3
mat05u01L10	Lesson	Comparing Numbers
mat05u01L11	Lesson	Comparing Numbers Continued
mat05u01L12	Lesson	Expanded Numbers
mat05u014Q	Quiz	Quiz 4
mat05u01L13	Lesson	Rounding Numbers
mat05u01L14	Lesson	Rounding to 1,000s
mat05u01L15	Lesson	Estimation
mat05u01L16	Lesson	Estimation of Multiplication Problems
mat05u015Q	Quiz	Quiz 5
mat05u01altproj	Project *	Special Project
mat05u01quizbowl	Review	Review Game
mat05u01TEST	Test	TEST
mat05u01alttest	Test *	ALTERNATE TEST
mat05u01REF	Reference	Reference

**Scope and Sequence - Fifth Grade**  
**Math 500 - 2009**

<b>Unit 2</b>	<b>FRACTIONS AND MULTIPLICATION</b>	
mat05u02L1	Lesson	Multiply with Two-Digit Multipliers
mat05u02L2	Lesson	Division Problems
mat05u02L3	Lesson	Factors and Multiples
mat05u021Q	Quiz	Quiz 1
mat05u02L4	Lesson	Fractions
mat05u02L5	Lesson	Simplifying a Fraction
mat05u02L6	Lesson	Add and Subtract Fractions
mat05u02L7	Lesson	Subtract Mixed Numbers
mat05u022Q	Quiz	Quiz 2
mat05u02L8	Lesson	Shapes
mat05u02L9	Lesson	Solids
mat05u02L10	Lesson	Angles and Real-Life Shapes
mat05u023Q	Quiz	Quiz 3
mat05u02L11	Lesson	Drill: Add, Subtract, and Multiply
mat05u02L12	Lesson	Multiplication Facts: The 13s
mat05u02L13	Lesson	Multiplication Facts: The 14s
mat05u02L14	Lesson	Multiplication Facts: The 15s
mat05u02L15	Lesson	Drill: Divide
mat05u02L16	Lesson	Families of Facts
mat05u02L17	Lesson	Family of Facts: Multiplication and Division
mat05u024Q	Lesson	Quiz 4
mat05u02L18	Lesson	Mathematics Symbols
mat05u02L19	Lesson	Practice Reading Symbols
mat05u025Q	Quiz	Quiz 5
mat05u02altproj	Project *	Special Project
mat05u02quizbowl	Review	Review Game
mat05u02TEST	Test	TEST
mat05u02alttest	Test *	ALTERNATE TEST
mat05u02REF	Reference	Reference

## Scope and Sequence - Fifth Grade

### Math 500 - 2009

<b>Unit 3</b>		<b>DIVISION, AVERAGING, POLYGONS</b>
mat05u03L1	Lesson	Introduction to Short Division
mat05u03L2	Lesson	Short Division Practice
mat05u03L3	Lesson	Division Symbols
mat05u031Q	Quiz	Quiz 1
mat05u03L4	Lesson	Adding/Subtracting with Unlike Denominators
mat05u03L5	Lesson	More Adding/Subtracting of Fractions
mat05u032Q	Quiz	Quiz 2
mat05u03L6	Lesson	Estimation
mat05u03L7	Lesson	Averaging Numbers
mat05u03L8	Lesson	Writing A Number Sentence
mat05u033Q	Quiz	Quiz 3
mat05u03L9	Lesson	Properties of Addition
mat05u03L10	Lesson	Practice Adding/Subtracting/Multiplying
mat05u034Q	Quiz	Quiz 4
mat05u03L11	Lesson	Perimeter of Polygons
mat05u03L12	Lesson	Area of Squares and Rectangles
mat05u03L13	Lesson	Area of Polygons
mat05u035Q	Quiz	Quiz 5
mat05u03altproj	Project *	Special Project
mat05u03quizbowl	Review	Review Game
mat05u03TEST	Test	TEST
mat05u03alttest	Test *	ALTERNATE TEST
mat05u03REF	Reference	Reference
<b>Unit 4</b>		<b>GEOMETRY, DECIMALS, MULTIPLICATION</b>
mat05u04L1	Lesson	Lines
mat05u04L2	Lesson	Protractor Measurement
mat05u041Q	Quiz	Quiz 1
mat05u04L3	Lesson	Figures
mat05u04L4	Lesson	Triangles
mat05u04L5	Lesson	Circles
mat05u042Q	Quiz	Quiz 2
mat05u04L6	Lesson	Roman Numerals
mat05u04L7	Lesson	Decimals
mat05u04L8	Lesson	Writing Decimals Two Ways
mat05u043Q	Quiz	Quiz 3
mat05u04L9	Lesson	Multiplication Properties
mat05u044Q	Quiz	Quiz 4
mat05u04L10	Lesson	Solving Multiplication Problems
mat05u04L11	Lesson	Solving Multiplication Problems Continued
mat05u04L12	Lesson	More Solving Multiplication Problems
mat05u04L13	Lesson	Solving Division Problems
mat05u04L14	Lesson	Multiplication and Short Division
mat05u045Q	Lesson	Quiz 5
mat05u04altproj	Project *	Special Project
mat05u04quizbowl	Review	Review Game
mat05u04TEST	Test	TEST
mat05u04alttest	Test *	ALTERNATE TEST
mat05u04REF	Reference	Reference

## Scope and Sequence - Fifth Grade

### Math 500 - 2009

<b>Unit 5</b>		<b>MULTIPLICATION, MEASUREMENT, AND FRACTIONS</b>
mat05u05L1	Lesson	Multiply and Divide by 10,100,1000
mat05u05L2	Lesson	Operations by 10,100,1000 (Continued)
mat05u05L3	Lesson	Multiplying Two-Digit Numbers
mat05u05L4	Lesson	Multiplying Three-Digit Numbers
mat05u051Q	Quiz	Quiz 1
mat05u05L5	Lesson	Measurement
mat05u05L6	Lesson	Simplifying Measurement Problems
mat05u05L7	Lesson	Measurement of Time
mat05u052Q	Quiz	Quiz 2
mat05u05L8	Lesson	Review
mat05u05L9	Lesson	Review (Continued)
mat05u05L10	Lesson	Formulas
mat05u053Q	Quiz	Quiz 3
mat05u05L11	Lesson	Subtracting Mixed Numbers
mat05u05L12	Lesson	Subtracting Mixed Number Problems
mat05u054Q	Quiz	Quiz 4
mat05u05L13	Lesson	Solving Division Problems
mat05u05L14	Lesson	Long and Short Division
mat05u055Q	Quiz	Quiz 5
mat05u05altproj	Project *	Special Project
mat05u05quizbowl	Review	Review Game
mat05u05TEST	Test	TEST
mat05u05alttest	Test *	ALTERNATE TEST
mat05u05REF	Reference	Reference
<b>Unit 6</b>		<b>PLACE VALUE, FRACTIONS, DECIMALS</b>
mat05u06L1	Lesson	Multiplication of Fractions
mat05u06L2	Lesson	Simplifying Multiplication by Fractions
mat05u061Q	Quiz	Quiz 1
mat05u06L3	Lesson	Place Value
mat05u06L4	Lesson	Place Value Words
mat05u06L5	Lesson	Decimal Numbers
mat05u06L6	Lesson	Writing Decimal Numbers
mat05u062Q	Quiz	Quiz 2
mat05u06L7	Lesson	Review
mat05u06L8	Lesson	Multiplication by Whole Numbers
mat05u06L9	Lesson	Division by Whole Numbers
mat05u063Q	Quiz	Quiz 3
mat05u06L10	Lesson	Adding Decimals
mat05u06L11	Lesson	Adding Decimals
mat05u06L12	Lesson	Adding Decimals Continued
mat05u06L13	Lesson	Subtracting Decimals
mat05u06L14	Lesson	Subtracting Decimals Continued
mat05u064Q	Quiz	Quiz 4
mat05u06L15	Lesson	Multiplication of Decimals
mat05u065Q	Quiz	Quiz 5
mat05u06altproj	Project *	Special Project
mat05u06quizbowl	Review	Review Game
mat05u06TEST	Test	TEST
mat05u06alttest	Test *	ALTERNATE TEST
mat05u06REF	Reference	Reference

## Scope and Sequence - Fifth Grade

### Math 500 - 2009

<b>Unit 7</b>		<b>FRACTIONS AND METRIC SYSTEM</b>
mat05u07L1	Lesson	Dividing with Two Digits
mat05u07L2	Lesson	Working Division with Two Digits
mat05u071Q	Quiz	Quiz 1
mat05u07L3	Lesson	Fractions
mat05u07L4	Lesson	Fractions-Proper and Improper
mat05u07L5	Lesson	Reducing Fractions
mat05u07L6	Lesson	Add/Sub Mixed Numbers - Like Denoms.
mat05u07L7	Lesson	Finding Common Denominators
mat05u07L8	Lesson	Subtracting by Finding Common Denoms.
mat05u07L9	Lesson	Add/Sub Mixed Numbers - Unlike Denoms.
mat05u072Q	Quiz	Quiz 2
mat05u07L10	Lesson	Metric System
mat05u07L11	Lesson	Measuring with the Metric System
mat05u07L12	Lesson	Review: Formulas
mat05u073Q	Quiz	Quiz 3
mat05u07L13	Lesson	Multiplying Fractions with Whole Numbers
mat05u07L14	Lesson	Multiplying Fractions with Mixed Numbers
mat05u074Q	Quiz	Quiz 4
mat05u07L15	Lesson	Multiplying Decimals with Whole Numbers
mat05u075Q	Quiz	Quiz 5
mat05u07altproj	Project *	Special Project
mat05u07quizbowl	Review	Review Game
mat05u07TEST	Test	TEST
mat05u07alttest	Test *	ALTERNATE TEST
mat05u07REF	Reference	Reference

## Scope and Sequence - Fifth Grade

### Math 500 - 2009

<b>Unit 8</b>		<b>CALCULATORS AND REVIEW</b>
mat05u08L1	Lesson	Whole Numbers and Your Calculator
mat05u08L2	Lesson	Multiplication with Your Calculator
mat05u08L3	Lesson	Division with Your Calculator
mat05u081Q	Quiz	Quiz 1
mat05u08L4	Lesson	Add/Sub Decimals with Your Calculator
mat05u08L5	Lesson	Mult/Div Decimals with Your Calculator
mat05u082Q	Quiz	Quiz 2
mat05u08L6	Lesson	Review: Properties of Add/Mult
mat05u08L7	Lesson	Review: Grouping and Fractions
mat05u08L8	Lesson	Review: Estimation and Rounding
mat05u083Q	Quiz	Quiz 3
mat05u08L9	Lesson	Factor Boxes
mat05u08L10	Lesson	Prime Factors
mat05u084Q	Quiz	Quiz 4
mat05u08L11	Lesson	Review of Mixed Numbers
mat05u08L12	Lesson	Mult. of Whole Numbers and Fractions
mat05u08L13	Lesson	Mult. of Fractions with Fractions
mat05u08L14	Lesson	Mixed Numbers to Improper Fractions
mat05u08L15	Lesson	Multiplying Mixed Numbers
mat05u085Q	Quiz	Quiz 5
mat05u08altproj	Project *	Special Project
mat05u08quizbowl	Review	Review Game
mat05u08TEST	Test	TEST
mat05u08alttest	Test *	ALTERNATE TEST
mat05u08REF	Reference	Reference

## Scope and Sequence - Fifth Grade

### Math 500 - 2009

<b>Unit 9</b>		<b>FRACTIONS, RATIOS, AND DECIMALS</b>
mat05u09L1	Lesson	Finding Reciprocals
mat05u09L2	Lesson	Reciprocals and Dividing Fractions
mat05u09L3	Lesson	Dividing Fractions with Whole Numbers
mat05u09L4	Lesson	Dividing Fractions with Mixed Numbers
mat05u091Q	Quiz	Quiz 1
mat05u09L5	Lesson	Division of Decimals
mat05u09L6	Lesson	Place Value and Remainders
mat05u092Q	Quiz	Quiz 2
mat05u09L7	Lesson	Coordinate Graphs
mat05u09L8	Lesson	Ratios
mat05u093Q	Quiz	Quiz 3
mat05u09L9	Lesson	Converting Fractions and Decimals
mat05u09L10	Lesson	Fractions to Decimals to Percent
mat05u094Q	Quiz	Quiz 4
mat05u09L11	Lesson	Comparing Fractions
mat05u09L12	Lesson	Add/Sub Mixed Numbers and Decimals
mat05u09L13	Lesson	Mult/Div Fractions and Decimals
mat05u09L14	Lesson	Word Problems
mat05u095Q	Quiz	Quiz 5
mat05u09altproj	Project *	Special Project
mat05u09quizbowl	Review	Review Game
mat05u09TEST	Test	TEST
mat05u09alttest	Test *	ALTERNATE TEST
mat05u09REF	Reference	Reference
<b>Unit 10</b>		<b>ESTIMATION, RANDOM SAMPLES, GRAPHS, REVIEW</b>
mat05u10L1	Lesson	Estimation and Prediction
mat05u10L2	Lesson	Random Samples
mat05u101Q	Quiz	Quiz 1
mat05u10L3	Lesson	Graphs
mat05u10L4	Lesson	Problems Using Graphs
mat05u102Q	Quiz	Quiz 2
mat05u10L5	Lesson	Review: Factors, Rounding, and Averages
mat05u10L6	Lesson	Review: Lines, Angles, Shapes, and Ratios
mat05u103Q	Quiz	Quiz 3
mat05u10L7	Lesson	Review: Place Value
mat05u10L8	Lesson	Review: Writing Large Numbers
mat05u104Q	Quiz	Quiz 4
mat05u10L9	Lesson	Review: Missing Number Equations
mat05u10L10	Lesson	Review: Multiplication of Whole Numbers
mat05u10L11	Lesson	Review: Division of Whole Numbers
mat05u105Q	Quiz	Quiz 5
mat05u10altproj	Project *	Special Project
mat05u10quizbowl	Review	Review Game
mat05u10TEST	Test	TEST
mat05u10alttest	Test *	ALTERNATE TEST
mat05u10REF	Reference	Reference

## Scope and Sequence - Sixth Grade

### Math 600 - 2009

<b>Unit 1</b>		<b>NUMBERS AND PLACE VALUE</b>
mat06u01L1	Lesson	Reading and Comparing Numbers
mat06u01L2	Lesson	Place Value Through the Billion's Place
mat06u01L3	Lesson	Roman Numerals
mat06u01L4	Lesson	Ways of Looking at Numbers
mat06u011Q	Quiz	Quiz 1
mat06u01L5	Lesson	Expanded Notation
mat06u01L6	Lesson	Exponential Notation
mat06u01L7	Lesson	Exponents and Expanded Notation
mat06u01L8	Lesson	Prime Factorization
mat06u01L9	Lesson	More Prime Factorization
mat06u01L10	Lesson	Number Relationships
mat06u012Q	Quiz	Quiz 2
mat06u01altproj	Project *	Special Project
mat06u01quizbowl	Review	Review Game
mat06u01test	Test	TEST
mat06u01alttest	Test *	ALTERNATE TEST
mat06u01ref	Reference	Reference

  

<b>Unit 2</b>		<b>OPERATIONS WITH WHOLE NUMBERS</b>
mat06u02L1	Lesson	Basic Mathematical Operations
mat06u02L2	Lesson	Properties of Addition
mat06u02L3	Lesson	More Practice with Properties of Addition
mat06u02L4	Lesson	Operations and Their Opposites
mat06u02L5	Lesson	Subtraction of Whole Numbers
mat06u02L6	Lesson	Introduction to Equations
mat06u02L7	Lesson	Estimating
mat06u021Q	Quiz	Quiz 1
mat06u02L8	Lesson	Commutative and Associative Properties of Multiplication
mat06u02L9	Lesson	Multiplication of Whole Numbers
mat06u02L10	Lesson	Factors, Multiples, and Whole Number Multiplication
mat06u02L11	Lesson	Division of Whole Numbers
mat06u02L12	Lesson	Division of Whole Numbers
mat06u02L13	Lesson	More Division of Whole Numbers
mat06u02L14	Lesson	Equations Using Multiplication and Division
mat06u022Q	Quiz	Quiz 2
mat06u02altproj	Project *	Special Project
mat06u02quizbowl	Review	Review Game
mat06u02test	Test	TEST
mat06u02alttest	Test *	ALTERNATE TEST
mat06u02ref	Reference	Reference

## Scope and Sequence - Sixth Grade

### Math 600 - 2009

<b>Unit 3</b>		<b>ADVANCED PRACTICE WITH WHOLE NUMBERS</b>
mat06u03L1	Lesson	Sums and Differences
mat06u03L2	Lesson	More Sums and Differences
mat06u03L3	Lesson	Still More Sums and Differences
mat06u03L4	Lesson	Estimating Products
mat06u03L5	Lesson	Estimating Quotients
mat06u03L6	Lesson	More Estimating Quotients
mat06u031Q	Quiz	Quiz 1
mat06u03L7	Lesson	Calculator Practice: Addition and Subtraction
mat06u03L8	Lesson	More Calculator Practice: Addition and Subtraction
mat06u03L9	Lesson	Divisibility Rules
mat06u03L10	Lesson	Properties of Addition and Multiplication
mat06u032Q	Quiz	Quiz 2
mat06u03L11	Lesson	Patterns and Number Sequences
mat06u03L12	Lesson	Rounding and Missing Number Patterns
mat06u03L13	Lesson	Problem Solving
mat06u033Q	Quiz	Quiz 3
mat06u03altproj	Project *	Special Project
mat06u03quizbowl	Review	Review Game
mat06u03test	Test	TEST
mat06u03alttest	Test *	ALTERNATE TEST
mat06u03ref	Reference	Reference
<b>Unit 4</b>		<b>DECIMAL NUMBERS</b>
mat06u04L1	Lesson	Positioning the Decimal Point
mat06u04L2	Lesson	Comparing Decimal Numbers
mat06u04L3	Lesson	Rounding Whole Numbers and Decimal Numbers
mat06u04L4	Lesson	More Rounding Whole Numbers and Decimal Numbers
mat06u04L5	Lesson	Rounding Decimal Numbers
mat06u04L6	Lesson	Decimal Numbers
mat06u04L7	Lesson	Equivalent Decimals
mat06u041Q	Quiz	Quiz 1
mat06u04L8	Lesson	Adding and Subtracting Decimals
mat06u04L9	Lesson	Adding Decimal Numbers
mat06u04L10	Lesson	Decimal Numbers and Operations
mat06u04L11	Lesson	Review: Adding, Subtracting, and Multiplying Decimal Numbers
mat06u042Q	Quiz	Quiz 2
mat06u04L12	Lesson	Review: Rules of Multiplication and Division
mat06u04L13	Lesson	More Review: Multiplication and Division
mat06u04L14	Lesson	Multiplication of Decimals
mat06u04L15	Lesson	Multiplication of Whole and Decimal Numbers
mat06u04L16	Lesson	Multiplying Decimals
mat06u043Q	Quiz	Quiz 3
mat06u04L17	Lesson	Division Using 10, 100, 1,000
mat06u04L18	Lesson	Review: Division
mat06u04L19	Lesson	Division of Decimal Numbers
mat06u044Q	Quiz	Quiz 4
mat06u04altproj	Project *	Special Project
mat06u04quizbowl	Review	Review Game
mat06u04test	Test	TEST
mat06u04alttest	Test *	ALTERNATE TEST
mat06u04ref	Reference	Reference

## Scope and Sequence - Sixth Grade

### Math 600 - 2009

<b>Unit 5</b>	<b>BEGINNING FRACTIONS</b>
mat06u05L1	Lesson Introduction to Fractions and Decimals
mat06u05L2	Lesson Writing Fractions as Decimals
mat06u05L3	Lesson Relating Fractions to Decimals
mat06u05L4	Lesson Fractions to Decimals
mat06u051Q	Quiz Quiz 1
mat06u05L5	Lesson Equivalent Fractions
mat06u05L6	Lesson Proper, Improper, and Mixed Fractions
mat06u05L7	Lesson Convert Improper Fractions to Mixed Numbers
mat06u05L8	Lesson Fractions
mat06u05L9	Lesson Reducing Improper Fractions
mat06u05L10	Lesson Converting Mixed Numbers to Improper Fractions
mat06u05L11	Lesson Comparing Fractions
mat06u052Q	Quiz Quiz 2
mat06u05L12	Lesson Least Common Multiple
mat06u05L13	Lesson Review: Prime Factoring
mat06u05L14	Lesson Greatest Common Factors
mat06u05L15	Lesson Greatest Common Factors and Lowest Common Multiples
mat06u053Q	Quiz Quiz 3
mat06u05L16	Lesson Addition and Subtraction of Fractions with Common Denominators
mat06u05L17	Lesson Addition and Subtraction of Mixed Numbers with Common Denominators
mat06u05L18	Lesson Addition and Subtraction of Fractions and Mixed Numbers with Unlike Denominators
mat06u05L19	Lesson Subtraction of Unlike Fractions and Mixed Numbers with Borrowing
mat06u05L20	Lesson Adding and Subtracting Fractions
mat06u05L21	Lesson Adding Fractions
mat06u054Q	Quiz Quiz 4
mat06u05altproj	Project * Special Project
mat06u05quizbowl	Review Review Game
mat06u05test	Test TEST
mat06u05alttest	Test * ALTERNATE TEST
mat06u05ref	Reference Reference

## Scope and Sequence - Sixth Grade

### Math 600 - 2009

<b>Unit 6</b>		<b>MULTIPLYING AND DIVIDING FRACTIONS</b>
mat06u06L1	Lesson	Multiplication of Fractions
mat06u06L2	Lesson	Multiplication of Fractions with Reducing
mat06u06L3	Lesson	Multiplication of Fractions Times Whole Numbers
mat06u06L4	Lesson	Multiplying Mixed Numbers
mat06u06L5	Lesson	Multiplying Whole Numbers Times Fractions
mat06u06L6	Lesson	Multiplying and Reducing Fractions
mat06u061Q	Quiz	Quiz 1
mat06u06L7	Lesson	Reciprocals
mat06u06L8	Lesson	Division of Fractions by a Fraction
mat06u06L9	Lesson	Division of Fractions with Whole Numbers
mat06u06L10	Lesson	Division of Fractions with Mixed Numbers
mat06u062Q	Quiz	Quiz 2
mat06u06L11	Lesson	Dividing Whole Numbers and Fractions
mat06u06L12	Lesson	Dividing Fractions
mat06u06L13	Lesson	More Dividing Fractions
mat06u06L14	Lesson	Multiplying and Dividing with Fractions
mat06u06L15	Lesson	Multiplying and Dividing with Decimals
mat06u063Q	Quiz	Quiz 3
mat06u06altproj	Project *	Special Project
mat06u06quizbowl	Review	Review Game
mat06u06test	Test	TEST
mat06u06alttest	Test *	ALTERNATE TEST
mat06u06ref	Reference	Reference

<b>Unit 7</b>		<b>DECIMALS AND FRACTIONS</b>
mat06u07L1	Lesson	Converting Fractions to Decimals and Percents
mat06u07L2	Lesson	Finding Percentages
mat06u07L3	Lesson	Equations Using Percent
mat06u07L4	Lesson	More Equations Using Percent
mat06u07L5	Lesson	Changing Fractions to Decimals to Percent
mat06u071Q	Quiz	Quiz 1
mat06u07L6	Lesson	Converting Fractions to Decimals
mat06u07L7	Lesson	Prime and Composite Numbers
mat06u07L8	Lesson	Prime Numbers and Prime Factors
mat06u07L9	Lesson	Prime and Composite Practice
mat06u072Q	Quiz	Quiz 2
mat06u07L10	Lesson	Greatest Common Factors
mat06u07L11	Lesson	Greatest Common Factors and Least Common Multiple
mat06u07L12	Lesson	Practice Adding Fractions
mat06u07L13	Lesson	Practice Subtracting Fractions
mat06u073Q	Quiz	Quiz 3
mat06u07altproj	Project *	Special Project
mat06u07quizbowl	Review	Review Game
mat06u07test	Test	TEST
mat06u07alttest	Test *	ALTERNATE TEST
mat06u07ref	Reference	Reference

## Scope and Sequence - Sixth Grade

### Math 600 - 2009

<b>Unit 8</b>	<b>GEOMETRY AND MEASUREMENT</b>
mat06u08L1	Lesson Two and Three Dimensional Shapes
mat06u08L2	Lesson Three Dimensional Shapes
mat06u08L3	Lesson Shapes
mat06u08L4	Lesson Circles
mat06u081Q	Quiz Quiz 1
mat06u08L5	Lesson Lines, Angles, and Congruency
mat06u08L6	Lesson Lines, Rays, and Angles
mat06u08L7	Lesson Angles
mat06u08L7P	Project Project: Angles
mat06u08L8	Lesson Angles and Shapes
mat06u082Q	Quiz Quiz 2
mat06u08L9	Lesson Perimeter, Volume, and Area
mat06u08L10	Lesson More Perimeter, Volume, and Area
mat06u08L11	Lesson Equation Basics, Area and Perimeter
mat06u08L12	Lesson Review Formulas: Distance, Area, Perimeter, and Amount
mat06u08L13	Lesson Review Formulas: Area, Perimeter, Circumference, and Volume
mat06u08L14	Lesson More Review of Formulas
mat06u083Q	Quiz Quiz 3
mat06u08L15	Lesson The Metric System
mat06u08L16	Lesson Converting Metric Units to English Units
mat06u08L17	Lesson Customary Units of Measure
mat06u08L18	Lesson Add and Subtract Units of Measure, Time Zones
mat06u08L19	Lesson Multiplication and Formulas
mat06u084Q	Lesson Quiz 4
mat06u08altproj	Project * Special Project
mat06u08quizbowl	Review Review Game
mat06u08test	Test TEST
mat06u08alttest	Test * ALTERNATE TEST
mat06u08ref	Reference Reference

## Scope and Sequence - Sixth Grade

### Math 600 - 2009

<b>Unit 9</b>		<b>STATISTICS AND GRAPHING</b>
mat06u09L1	Lesson	Prediction and Probability
mat06u09L2	Lesson	Ratios
mat06u09L3	Lesson	Ratios and Division of Decimals
mat06u091Q	Quiz	Quiz 1
mat06u09L4	Lesson	Reading Bar Graphs and Line Graphs
mat06u09L5	Lesson	Reading Picture and Circle Graphs
mat06u092Q	Quiz	Quiz 2
mat06u09L6	Lesson	Mean, Mode, and Median
mat06u09L7	Lesson	Statistics: Averaging
mat06u09L8	Lesson	Averages, Equalities, and Inequalities
mat06u09L9	Lesson	Problem Solving
mat06u093Q	Quiz	Quiz 3
mat06u09L10	Lesson	Positive and Negative Numbers
mat06u09L11	Lesson	Coordinate Graphs
mat06u094Q	Quiz	Quiz 4
mat06u09altproj	Project *	Special Project
mat06u09quizbowl	Review	Review Game
mat06u09test	Test	TEST
mat06u09alttest	Test *	ALTERNATE TEST
mat06u09ref	Reference	Reference

<b>Unit 10</b>		<b>REVIEW</b>
mat06u10L1	Lesson	Operating on Whole Numbers
mat06u10L2	Lesson	Basic Operations and Rounding
mat06u10L3	Lesson	Multiplying and Dividing Whole Numbers
mat06u101Q	Quiz	Quiz 1
mat06u10L4	Lesson	Fractions, Averages, and Graphs
mat06u10L5	Lesson	Picture, Bar, and Pie Charts
mat06u10L5P	Project	Project: Graph
mat06u102Q	Quiz	Quiz 2
mat06u10L6	Lesson	Adding and Subtracting Fractions
mat06u10L7	Lesson	Multiplying Mixed Numbers
mat06u10L8	Lesson	Dividing Mixed Numbers
mat06u103Q	Quiz	Quiz 3
mat06u10L9	Lesson	Adding and Subtracting Decimals
mat06u10L10	Lesson	Multiplying Decimals
mat06u10L11	Lesson	Dividing Decimals and Rounding Numbers
mat06u104Q	Quiz	Quiz 4
mat06u10L12	Lesson	Patterns and Number Sequences
mat06u10L13	Lesson	Rounding and Missing Number Problems
mat06u10L14	Lesson	Problem Solving
mat06u105Q	Quiz	Quiz 5
mat06u10altproj	Project *	Special Project
mat06u10quizbowl	Review	Review Game
mat06u10test	Test	TEST
mat06u10alttest	Test *	ALTERNATE TEST
mat06u10ref	Reference	Reference

## Scope and Sequence - Seventh Grade

### Math 700 - 2009

<b>Unit 1</b>		<b>SETS AND NUMBER SYSTEMS</b>
mat07u01L1	Lesson	Introductory Review(1)
mat07u01L2	Lesson	Introductory Review(2)
mat07u01L3	Lesson	Venn Diagrams
mat07u01L4	Lesson	Sets: Special Symbols
mat07u01L5	Lesson	Sets: Types
mat07u01L6	Lesson	Sets: Uses
mat07u01L7	Lesson	Sets: Intersection
mat07u01L8	Lesson	Sets: Union
mat07u01L9	Lesson	Sets: Review of Sets
mat07u011q	Quiz	Quiz 1
mat07u01L10	Lesson	Ancient Number Systems
mat07u01L11	Lesson	Decimal Number System
mat07u01L12	Lesson	Number Systems: Base Ten and Base Five
mat07u01L13	Lesson	Number Systems: Base Two
mat07u01L14	Lesson	Number Systems: Base Sixteen
mat07u012q	Quiz	Quiz 2
mat07u01altproj	Project *	Special Project
mat07u01test	Test	TEST
mat07u01alttest	Test *	ALTERNATE TEST
mat07u01ref	Reference	Reference

<b>Unit 2</b>		<b>PLACE VALUE</b>
mat07u02L1	Lesson	Place Value Review
mat07u02L2	Lesson	Expanded and Exponential Form
mat07u02L3	Lesson	Review: Addition with Carrying
mat07u02L4	Lesson	More Review: Addition with Carrying
mat07u02L5	Lesson	Review: Subtraction with Regrouping
mat07u021q	Quiz	Quiz 1
mat07u02L6	Lesson	Place Value Less Than Zero
mat07u02L7	Lesson	Decimals: Addition and Subtraction 1
mat07u02L8	Lesson	Decimals: Addition and Subtraction 2
mat07u02L9	Lesson	Decimals: Applications
mat07u022q	Quiz	Quiz 2
mat07u02altproj	Project *	Special Project
mat07u02test	Test	TEST
mat07u02alttest	Test *	ALTERNATE TEST
mat07u02ref	Reference	Reference

## Scope and Sequence - Seventh Grade

### Math 700 - 2009

<b>Unit 3</b>		<b>WHOLE NUMBERS</b>
mat07u03L1	Lesson	Number Order
mat07u03L2	Lesson	Number Sentences
mat07u03L3	Lesson	Number Patterns and Ordered Pairs
mat07u031q	Quiz	Quiz 1
mat07u03L4	Lesson	Rounding Numbers 1
mat07u03L5	Lesson	Rounding Numbers 2
mat07u03L6	Lesson	Estimating Sums
mat07u03L7	Lesson	More Estimating
mat07u03L8	Lesson	Estimation Word Problems
mat07u03L9	Lesson	Estimation Exercises
mat07u03L10	Lesson	Division, Remainders, and Your Calculator
mat07u032q	Quiz	Quiz 2
mat07u03altproj	Project *	Special Project
mat07u03test	Test	TEST
mat07u03alttest	Test *	ALTERNATE TEST
mat07u03ref	Reference	Reference

  

<b>Unit 4</b>		<b>WHOLE NUMBERS: MULTIPLICATION AND DIVISION</b>
mat07u04L1	Lesson	Properties of Addition and Multiplication
mat07u04L2	Lesson	The Distributive Property
mat07u04L3	Lesson	Multiplication 1
mat07u04L4	Lesson	Multiplication 2
mat07u04L5	Lesson	Functions
mat07u041q	Quiz	Quiz 1
mat07u04L6	Lesson	Division 1
mat07u04L7	Lesson	Division 2
mat07u04L8	Lesson	Division 3
mat07u04L9	Lesson	Customary Units of Measure
mat07u04L10	Lesson	Multiplying and Dividing Weights and Measures
mat07u04L11	Lesson	Calculators and Prime Numbers
mat07u042q	Quiz	Quiz 2
mat07u04altproj	Project *	Special Project
mat07u04test	Test	TEST
mat07u04alttest	Test *	ALTERNATE TEST
mat07u04ref	Reference	Reference

## Scope and Sequence - Seventh Grade

### Math 700 - 2009

	<b>Unit 5</b>	<b>FRACTIONS: ADDITION AND SUBTRACTION</b>
mat07u05L1	Lesson	Divisibility Rules and Factor Trees
mat07u05L2	Lesson	Greatest Common Factor/Least Common Multiple
mat07u051q	Quiz	Quiz 1
mat07u05L3	Lesson	Proper Fractions
mat07u05L4	Lesson	Improper Fractions 1
mat07u05L5	Lesson	Comparing Fractions
mat07u052q	Quiz	Quiz 2
mat07u05L6	Lesson	Comparing Decimal Numbers
mat07u05L7	Lesson	Fractions as Decimals
mat07u05L8	Lesson	Decimals, Fractions, and Percents
mat07u053q	Quiz	Quiz 3
mat07u05L9	Lesson	Ratios and Proportions
mat07u05L10	Lesson	Metric Measurement
mat07u05L11	Lesson	Terminating and Repeating Decimals
mat07u05L12	Lesson	Decimals with a Calculator
mat07u05L13	Lesson	Uses of Percents
mat07u054q	Quiz	Quiz 4
mat07u05L14	Lesson	Fractions: Adding and Subtracting with Like Denominators
mat07u05L15	Lesson	Adding and Subtracting Fractions
mat07u05L16	Lesson	More Adding and Subtracting Fractions
mat07u05L17	Lesson	Mixed Numbers: Adding and Subtracting with Like Denominators
mat07u05L18	Lesson	Mixed Numbers: Subtracting with Regrouping
mat07u05L19	Lesson	Problem Solving with Fractions
mat07u05L20	Lesson	Least Common Denominators
mat07u05L21	Lesson	Equivalent Fractions
mat07u05L22	Lesson	Fractions: Adding and Subtracting with Unlike Denominators
mat07u05L23	Lesson	Reducing Final Answers
mat07u05L24	Lesson	More Fractions: Adding and Subtracting with Unlike Denominators
mat07u05L25	Lesson	Even More Addition and Subtraction of Fractions
mat07u05L26	Lesson	More Problem Solving with Fractions
mat07u055q	Quiz	Quiz 5
mat07u05altproj	Project *	Special Project
mat07u05test	Test	TEST
mat07u05alttest	Test *	ALTERNATE TEST
mat07u05ref	Reference	Reference

## Scope and Sequence - Seventh Grade

### Math 700 - 2009

<b>Unit 6</b>		<b>FRACTIONS: MULTIPLICATION AND DIVISION</b>
mat07u06L1	Lesson	Multiplying Fractions
mat07u06L2	Lesson	Reducing Fractions
mat07u06L3	Lesson	Multiplying Mixed Numbers
mat07u06L4	Lesson	More Multiplying Mixed Numbers
mat07u06L5	Lesson	Dividing Fractions and Mixed Numbers
mat07u06L6	Lesson	Problem Solving: Multiplication, Division, and Reasonable Answers
mat07u061q	Quiz	Quiz 1
mat07u06L7	Lesson	Converting Fractions to Decimals
mat07u06L8	Lesson	Decimal Fractions: Multiplication
mat07u06L9	Lesson	Decimal Fractions: Division
mat07u06L10	Lesson	Decimal Fractions: Word Problems
mat07u062q	Quiz	Quiz 2
mat07u06L11	Lesson	Solving for Percentages
mat07u06L12	Lesson	Solving for Percentages: Rate and Base
mat07u063q	Quiz	Quiz 3
mat07u06altproj	Project *	Special Project
mat07u06test	Test	TEST
mat07u06alttest	Test *	ALTERNATE TEST
mat07u06ref	Reference	Reference

<b>Unit 7</b>		<b>GEOMETRY</b>
mat07u07L1	Lesson	Introduction to Lines, and Angles
mat07u07L2	Lesson	Using a Protractor
mat07u071q	Quiz	Quiz 1
mat07u07L3	Lesson	Triangle Terms
mat07u07L4	Lesson	Perimeter and Area of Triangles
mat07u072q	Quiz	Quiz 2
mat07u07L5	Lesson	Perimeter and Area of Squares and Rectangles
mat07u07L6	Lesson	Parallelograms, Trapezoids, and Formulas
mat07u073q	Quiz	Quiz 3
mat07u07L7	Lesson	Circles
mat07u07L8	Lesson	Hexagons
mat07u074q	Quiz	Quiz 4
mat07u07L9	Quiz	Ratio Review
mat07u07L10	Quiz	Proportion Review
mat07u07L11	Quiz	Similar Figures and Scale Drawings
mat07u075q	Quiz	Quiz 5
mat07u07altproj	Project *	Special Project
mat07u07test	Test	TEST
mat07u07alttest	Test *	ALTERNATE TEST
mat07u07ref	Reference	Reference

## Scope and Sequence - Seventh Grade

### Math 700 - 2009

<b>Unit 8</b>		<b>STATISTICS AND GRAPHS</b>
mat07u08L1	Lesson	Introduction to Statistics
mat07u08L2	Lesson	Introduction to Frequency Distribution
mat07u081q	Quiz	Quiz 1
mat07u08L3	Lesson	Measures of Central Tendency: Mode and Median
mat07u08L4	Lesson	Measures of Central Tendency: Mean and Range
mat07u082q	Quiz	Quiz 2
mat07u08L5	Lesson	Review: Types of Graphs
mat07u08L6	Lesson	Coordinate Graphs
mat07u083q	Quiz	Quiz 3
mat07u08altproj	Project *	Special Project
mat07u08test	Test	TEST
mat07u08alttest	Test *	ALTERNATE TEST
mat07u08ref	Reference	Reference
<b>Unit 9</b>		<b>FORMULAS, FUNCTIONS, RATIOS, AND PROPORTIONS</b>
mat07u09L1	Lesson	Solving for Unknown Variables
mat07u09L2	Lesson	Formulas: From Interest to Miles per Gallon
mat07u09L3	Lesson	Ordered Pairs and Functions
mat07u091q	Quiz	Quiz 1
mat07u09L4	Lesson	Equations: Defining and Solving
mat07u09L5	Lesson	Isolating the Variable
mat07u09L6	Lesson	Using Formulas to Solve Problems
mat07u092q	Quiz	Quiz 2
mat07u09L7	Lesson	Review: Ratios
mat07u09L8	Lesson	Review: Proportions
mat07u093q	Quiz	Quiz 3
mat07u09altproj	Project *	Special Project
mat07u09test	Test	TEST
mat07u09alttest	Test *	ALTERNATE TEST
mat07u09ref	Reference	Reference

## Scope and Sequence - Seventh Grade

### Math 700 - 2009

<b>Unit 10</b>		<b>REVIEW</b>
mat07u10L1	Lesson	Place Value, Order, and Rounding
mat07u10L2	Lesson	Central Tendency, Ratios, and Proportions
mat07u10L3	Lesson	Problem Solving Strategies
mat07u101q	Quiz	Quiz 1
mat07u10L4	Lesson	Geometric Properties
mat07u10L5	Lesson	Sets
mat07u10L6	Lesson	Number Systems and Factorization
mat07u102q	Quiz	Quiz 2
mat07u10L7	Lesson	Operating on Fractions and Decimals
mat07u10L8	Lesson	Base, Rate, and Percentage
mat07u10L9	Lesson	Percentages and Averages
mat07u103q	Quiz	Quiz 3
mat07u10L10	Lesson	Formula Review
mat07u10L11	Lesson	Solving Equations
mat07u10L12	Lesson	Ratios and Proportions
mat07u10L13	Lesson	Different Types of Statistics
mat07u104q	Quiz	Quiz 4
mat07u10altproj	Project *	Special Project
mat07u10test	Test	TEST
mat07u10alttest	Test *	ALTERNATE TEST
mat07u10ref	Reference	Reference

**Scope and Sequence - Eighth Grade**  
**Math 800 - 2009**

<b>Unit 1</b>	<b>PLACE VALUE AND SETS</b>	
mat08u01L1	Lesson	What Are Whole Numbers?
mat08u01L2	Lesson	Whole Numbers from Words to Numerals
mat08u01L3	Lesson	Whole Number Place Value
mat08u01L4	Lesson	Rounding Numbers
mat08u011q	Quiz	Quiz 1
mat08u01L5	Lesson	Mathematical Symbols and Multiples
mat08u01L6	Lesson	Ancient Numeral Systems
mat08u01L7	Lesson	More Ancient Numeral Systems
mat08u01L8	Lesson	Base Ten and Exponential Form
mat08u01L9	Lesson	Base Ten and Base Two
mat08u012q	Quiz	Quiz 2
mat08u01L10	Lesson	Introduction to Sets
mat08u01L11	Lesson	Properties of Addition and Multiplication
mat08u01L12	Lesson	Operations with Sets
mat08u013Q	Quiz	Quiz 3
mat08u01L13	Lesson	Simple Probability
mat08u01L14	Lesson	Or Statements: Union of Sets
mat08u01L15	Lesson	And Statements: Intersection of Sets
mat08u014q	Quiz	Quiz 4
mat08u01altproj	Project *	Special Project
mat08u01test	Test	TEST
mat08u01alttest	Test *	ALTERNATE TEST
mat08u01ref	Reference	Reference

**Scope and Sequence - Eighth Grade**  
**Math 800 - 2009**

<b>Unit 2</b>	<b>FACTORS AND MULTIPLES</b>	
mat08u02L1	Lesson	Prime and Composite Numbers
mat08u02L2	Lesson	Divisibility Tests for Factors
mat08u02L3	Lesson	Using Factors and Multiples
mat08u02L4	Lesson	Squares and Square Roots
mat08u02L5	Lesson	Greatest Common Factor
mat08u02L6	Lesson	Least Common Multiple
mat08u021q	Quiz	Quiz 1
mat08u02L7	Lesson	Proper Fractions and Equivalent Fractions
mat08u02L8	Lesson	Reducing Fractions, Raising Fractions
mat08u02L9	Lesson	Improper Fractions and Mixed Numbers
mat08u02L10	Lesson	Mixed Numbers and Improper Fractions
mat08u02L11	Lesson	Fractional Values
mat08u022q	Quiz	Quiz 2
mat08u02L12	Lesson	Decimal Numbers and Place Value
mat08u02L13	Lesson	Comparing Value and Fractions as Decimal
mat08u02L14	Lesson	Changing Decimals to Fractions; Equivalent Fractions
mat08u02L15	Lesson	Percent and Percent as Decimal
mat08u02L16	Lesson	Fractions and Percentages
mat08u023q	Quiz	Quiz 3
mat08u02L17	Lesson	Introduction to Ratios
mat08u02L18	Lesson	Introduction to Proportions
mat08u02L19	Lesson	Similar Figures and Scale Drawings
mat08u02L20	Lesson	Introduction to Scientific Notation
mat08u02L21	Lesson	Terminating Decimals, Repeating Decimals
mat08u02L22	Lesson	Adding Fractions and Decimals
mat08u02L23	Lesson	Exploring Different Kinds of Numbers
mat08u024q	Quiz	Quiz 4
mat08u02altproj	Project *	Special Project
mat08u02test	Test	TEST
mat08u02alttest	Test *	ALTERNATE TEST
mat08u02ref	Reference	Reference

## Scope and Sequence - Eighth Grade

### Math 800 - 2009

<b>Unit 3</b>		<b>FRACTIONS AND ROUNDING</b>
mat08u03L1	Lesson	Addition: Fractions with Common Denominators
mat08u03L2	Lesson	Addition of Fractions: Reducing Sums
mat08u03L3	Lesson	Addition: Unlike Fractions
mat08u03L4	Lesson	Addition: Unlike Fractions, Mixed Numbers
mat08u03L5	Lesson	More Addition of Mixed Numbers
mat08u031q	Quiz	Quiz 1
mat08u03L6	Lesson	Subtraction of Like Fractions
mat08u03L7	Lesson	Subtractions of Unlike Fractions
mat08u03L8	Lesson	Subtraction of Mixed Numbers
mat08u03L9	Lesson	More Subtraction of Mixed Numbers
mat08u03L10	Lesson	More Practice: Subtraction of Mixed Numbers
mat08u032q	Quiz	Quiz 2
mat08u03L11	Lesson	Addition of Decimals
mat08u03L12	Lesson	Subtraction of Decimals
mat08u03L13	Lesson	Calculator Exercises
mat08u033q	Quiz	Quiz 3
mat08u03L14	Lesson	Rounding Numbers
mat08u03L15	Lesson	Fraction and Decimal Review
mat08u034q	Quiz	Quiz 4
mat08u03altproj	Project *	Special Project
mat08u03test	Test	TEST
mat08u03alttest	Test *	ALTERNATE TEST
mat08u03ref	Reference	Reference

<b>Unit 4</b>		<b>FRACTIONS AND PERCENT</b>
mat08u04L1	Lesson	Multiplying Fractions
mat08u04L2	Lesson	Multiplying Mixed Numbers and Decimal Numbers
mat08u041q	Quiz	Quiz 1
mat08u04L3	Lesson	Division of Fractions
mat08u04L4	Lesson	Division of Decimal Numbers
mat08u04L5	Lesson	More Division of Decimal Numbers
mat08u04L6	Lesson	Decimal Division and Rounding
mat08u04L7	Lesson	More Decimal Division and Rounding
mat08u04L8	Lesson	Review of Decimal Division, Rounding, and Function Tables
mat08u042q	Quiz	Quiz 2
mat08u04L9	Lesson	Fractions, Decimals, and Percents
mat08u04L10	Lesson	Percentage Problems
mat08u04L11	Lesson	More Percentage Problems
mat08u043q	Quiz	Quiz 3
mat08u04altproj	Project *	Special Project
mat08u04test	Test	TEST
mat08u04alttest	Test *	ALTERNATE TEST
mat08u04ref	Reference	Reference

**Scope and Sequence - Eighth Grade**  
**Math 800 - 2009**

<b>Unit 5</b>	<b>NUMBERS</b>	
mat08u05L1	Lesson	Review of Basic Number Theory
mat08u05L2	Lesson	Addition and Subtraction Word Problems
mat08u05L3	Lesson	Multiplication of Whole Numbers
mat08u05L4	Lesson	Multiplication Word Problems
mat08u05L5	Lesson	Division Word Problems
mat08u05L6	Lesson	Word Problems Using the Four Operations
mat08u05L7	Lesson	Numbers and Sets
mat08u05L8	Lesson	Review: Factors, Multiples, and Rational Numbers
mat08u05L9	Lesson	Review: Decimals and Applications
mat08u051q	Quiz	Quiz 1
mat08u05L10	Lesson	Review: Addition of Fractions and Mixed Numbers
mat08u05L11	Lesson	Review: Subtraction of Fractions and Mixed Numbers
mat08u05L12	Lesson	Review: Addition and Subtraction of Fractions and Mixed Numbers
mat08u05L13	Lesson	Review: Multiplication of Fractions and Decimals
mat08u05L14	Lesson	Review: Division of Fractions and Decimals
mat08u05L15	Lesson	Review: Percentage Equations
mat08u05L16	Lesson	Mean, Mode, Median, and Range
mat08u05L17	Lesson	Graphs and Probability
mat08u052q	Quiz	Quiz 2
mat08u05altproj	Project *	Special Project
mat08u05test	Test	TEST
mat08u05alttest	Test *	ALTERNATE TEST
mat08u05ref	Reference	Reference
<b>Unit 6</b>	<b>FORMULAS AND GEOMETRY</b>	
mat08u06L1	Lesson	Area, Perimeter, and Square Roots
mat08u06L2	Lesson	Circumference and Area of Circles
mat08u06L3	Lesson	Triangle, Pythagorean Theorem
mat08u06L4	Lesson	Types of Quadrilaterals
mat08u061q	Quiz	Quiz 1
mat08u06L5	Lesson	Rectangular Solids
mat08u06L6	Lesson	Pyramids and Prisms
mat08u062q	Quiz	Quiz 2
mat08u06L7	Lesson	Solid Figures
mat08u06L8	Lesson	Using a Calculator to Determine Geometric Measures
mat08u06L9	Lesson	Translations
mat08u063q	Quiz	Quiz 3
mat08u06altproj	Project *	Special Project
mat08u06test	Test	TEST
mat08u06alttest	Test *	ALTERNATE TEST
mat08u06ref	Reference	Reference

## Scope and Sequence - Eighth Grade

### Math 800 - 2009

<b>Unit 7</b>	<b>INTEGERS</b>	
mat08u07L1	Lesson	Introduction to Integers
mat08u07L2	Lesson	More Integers
mat08u07L3	Lesson	Plotting Points on a Cartesian Plane
mat08u07L4	Lesson	More About Integers
mat08u07L5	Lesson	Plotting
mat08u071q	Quiz	Quiz 1
mat08u07L6	Lesson	Introduction to Adding Integers
mat08u07L7	Lesson	Addition of Integers
mat08u07L8	Lesson	Rules and Properties of Addition
mat08u07L9	Lesson	Subtraction of Integers
mat08u07L10	Lesson	More Subtraction of Integers
mat08u07L11	Lesson	Multiplication of Integers
mat08u07L12	Lesson	Integers and Exponents
mat08u07L13	Lesson	Division
mat08u072q	Quiz	Quiz 2
mat08u07altproj	Project *	Special Project
mat08u07test	Test	TEST
mat08u07alttest	Test *	ALTERNATE TEST
mat08u07ref	Reference	Reference

<b>Unit 8</b>	<b>THE VARIABLE</b>	
mat08u08L1	Lesson	Commutative Properties
mat08u08L2	Lesson	Associative Properties
mat08u08L3	Lesson	Variables in Formulas
mat08u08L4	Lesson	Variables: Combining Like Terms
mat08u08L5	Lesson	Distributive Property
mat08u08L6	Lesson	Multiplying Binomials
mat08u081q	Quiz	Quiz 1
mat08u08L7	Lesson	Addition Property of Equality
mat08u08L8	Lesson	Subtraction Property of Equality
mat08u08L9	Lesson	Multiplication Property of Equality
mat08u08L10	Lesson	Division Property of Equality
mat08u08L11	Lesson	Combination of Terms Equations
mat08u082q	Quiz	Quiz 2
mat08u08L12	Lesson	Problem Solving Phrases
mat08u08L13	Lesson	Sentences to Equations
mat08u08L14	Lesson	Problem Solving
mat08u08L15	Lesson	More Problem Solving
mat08u08L16	Lesson	Proportion Problems
mat08u083q	Quiz	Quiz 3
mat08u08altproj	Project *	Special Project
mat08u08test	Test	TEST
mat08u08alttest	Test *	ALTERNATE TEST
mat08u08ref	Reference	Reference

**Scope and Sequence - Eighth Grade**  
**Math 800 - 2009**

<b>Unit 9</b>		<b>STATISTICS, GRAPHS, AND PROBABILITY</b>
mat08u09L1	Lesson	Statistics: Mean
mat08u09L2	Lesson	Median and Mode
mat08u09L3	Lesson	Deviation or Spread; Frequency Distribution
mat08u091q	Quiz	Quiz 1
mat08u09L4	Lesson	The Pictograph and Bar Graph
mat08u09L5	Lesson	Line Segment Graph, Histogram, and Frequency Polygon
mat08u09L6	Lesson	More About Bar Graphs and Line Segment Graphs
mat08u09L7	Lesson	Number Patterns and Functions
mat08u09L8	Lesson	Coordinate Graphs
mat08u092q	Quiz	Quiz 2
mat08u09altproj	Project *	Special Project
mat08u09test	Test	TEST
mat08u09alttest	Test *	ALTERNATE TEST
mat08u09ref	Reference	Reference

<b>Unit 10</b>		<b>PRE-ALGEBRA REVIEW</b>
mat08u10L1	Lesson	Integers, Absolute Value, and Cartesian Planes
mat08u10L2	Lesson	Adding and Subtracting Integers
mat08u10L3	Lesson	Multiplying Integers
mat08u10L4	Lesson	Dividing Integers
mat08u10L5	Lesson	Algebraic Expressions and Variables
mat08u10L6	Lesson	Expressions, Variables, and Exponents
mat08u10L7	Lesson	More Expressions, Variables, and Exponents
mat08u10L8	Lesson	Graphing Algebraic Sentences
mat08u101q	Quiz	Quiz 1
mat08u10L9	Lesson	Geometric Formulas and Square Roots
mat08u10L10	Lesson	Area and Volume
mat08u10L11	Lesson	Commutative and Associative Properties
mat08u10L12	Lesson	Solving Equations
mat08u10L13	Lesson	Applications
mat08u102q	Quiz	Quiz 2
mat08u10altproj	Project *	Special Project
mat08u10test	Test	TEST
mat08u10alttest	Test *	ALTERNATE TEST
mat08u10reF	Reference	Reference

**Scope and Sequence - Ninth Grade**  
**Algebra I - 2009**

<b>Unit 1</b>		<b>FOUNDATIONS OF ALGEBRA</b>
alg01u01c01101d	Lesson	Variables and Expressions
alg01u01c01102d	Lesson	Exponents and Order of Operations
alg01u01c01103d	Lesson	Evaluating Expressions
alg01u01c01q04d	Quiz	Quiz 1: The Language of Algebra
alg01u01c02105d	Lesson	Classifying and Comparing Numbers
alg01u01c02106a	Lesson	Decimal - Fraction Conversions
alg01u01c02107d	Lesson	Fractions
alg01u01c02108d	Lesson	Add and Subtract Signed Numbers
alg01u01c02109d	Lesson	Multiply and Divide Signed Numbers
alg01u01c02110d	Lesson	Absolute Value
alg01u01c02q11d	Quiz	Quiz 2: The Real Numbers
alg01u01c03112d	Lesson	Commutative and Associative Properties
alg01u01c03113d	Lesson	Distributive Property
alg01u01c03114d	Lesson	Simplifying Expressions
alg01u01c03q15d	Quiz	Quiz 3: Properties of the Real Numbers
alg01u01sp16a	Project *	Special Project
alg01u01r17d	Review	Review
alg01u01t18d	Test	TEST
alg01u01t18a	Test *	ALTERNATE TEST
alg01u01ref	Reference	Reference
<b>Unit 2</b>		<b>LINEAR EQUATIONS</b>
alg01u02c01101d	Lesson	Open Sentences
alg01u02c01102d	Lesson	Addition Property of Equality
alg01u02c01103d	Lesson	Multiplication Property of Equality
alg01u02c01104d	Lesson	Two-Step Equations
alg01u02c01q05d	Quiz	Quiz 1: Solving Equations
alg01u02c02106d	Lesson	Variables on Both Sides
alg01u02c02107d	Lesson	Combining Like Terms
alg01u02c02108d	Lesson	The Distributive Property
alg01u02c02109d	Lesson	Literal Equations
alg01u02c02q10d	Quiz	Quiz 2: Multi-Step Equations
alg01u02c03111d	Lesson	Writing Equations From Word Problems
alg01u02c03112d	Lesson	Two Unknowns
alg01u02c03113d	Lesson	More Than Two Unknowns
alg01u02c03114d	Lesson	Using a Chart
alg01u02c03q15d	Quiz	Quiz 3: Word Problems
alg01u02c04116d	Lesson	Percent Problems
alg01u02c04117d	Lesson	Mixture and Interest Problems
alg01u02c04q18d	Quiz	Quiz 4: Mixture and Investment Problems
alg01u02sp19a	Project *	Special Project
alg01u02r20d	Review	Review
alg01u02t21d	Test	TEST
alg01u02t21a	Test *	ALTERNATE TEST
alg01u02ref	Reference	Reference

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<b>Unit 3</b>		<b>FUNCTIONS</b>
alg01u03c01101d	Lesson	The Coordinate Plane
alg01u03c01102d	Lesson	Identifying Functions
alg01u03c01103d	Lesson	Function Notation
alg01u03c01104d	Lesson	Modeling Functions
alg01u03c01q05d	Quiz	Quiz 1: Function Basics
alg01u03c02106d	Lesson	Writing a Function Rule
alg01u03c02107d	Lesson	Arithmetic Sequences
alg01u03c02108d	Lesson	Direct Variation
alg01u03c02109d	Lesson	Slope
alg01u03c02q10d	Quiz	Quiz 2: Patterns
alg01u03c03111d	Lesson	Linear Equations
alg01u03c03112d	Lesson	Slope-Intercept Form
alg01u03c03113d	Lesson	Absolute Value Functions
alg01u03c03q14d	Quiz	Quiz 3: Graphing Linear Functions
alg01u03c04115d	Lesson	Writing Linear Equations (1)
alg01u03c04116d	Lesson	Writing Linear Equations (2)
alg01u03c04117d	Lesson	Writing Linear Equations (3)
alg01u03c04q18d	Quiz	Quiz 4: Writing Linear Equations
alg01u03sp19a	Project *	Special Project
alg01u03r20d	Review	Review
alg01u03t21d	Test	TEST
alg01u03t21a	Test *	ALTERNATE TEST
alg01u03ref	Reference	Reference

<b>Unit 4</b>		<b>INEQUALITIES</b>
alg01u04c01101d	Lesson	Graphing
alg01u04c01102d	Lesson	Addition Property of Inequality
alg01u04c01103d	Lesson	Multiplication Property of Inequality
alg01u04c01104d	Lesson	Multi-Step Inequalities
alg01u04c01105d	Lesson	Problem Solving
alg01u04c01q06d	Quiz	Quiz 1: Solving Inequalities
alg01u04c02107d	Lesson	Compound Inequality Graphs
alg01u04c02108d	Lesson	Solving Compound Inequalities
alg01u04c02109d	Lesson	Inequalities in Two Variables
alg01u04c02q10d	Quiz	Quiz 2: Compound Inequalities
alg01u04c03111d	Lesson	Absolute Value Solution Sets
alg01u04c03112d	Lesson	Absolute Value Inequalities in One Variable
alg01u04c03113d	Lesson	Absolute Value Inequalities in Two Variables
alg01u04c03q14d	Quiz	Quiz 3: Absolute Value
alg01u04sp15a	Project *	Special Project
alg01u04r16d	Review	Review
alg01u04t17d	Test	TEST
alg01u04t17a	Test *	ALTERNATE TEST
alg01u04ref	Reference	Reference

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<b>Unit 5</b>		<b>LINEAR SYSTEMS</b>
alg01u05c01101d	Lesson	Solution of a System
alg01u05c01102d	Lesson	Graphing Systems of Equations
alg01u05c01103d	Lesson	Systems of Inequalities
alg01u05c01q04d	Quiz	Quiz 1: Solving Linear Systems by Graphing
alg01u05c02105d	Lesson	Substitution Method
alg01u05c02106d	Lesson	Addition Method
alg01u05c02107d	Lesson	Matrices
alg01u05c02108d	Lesson	Fractional Coefficients
alg01u05c02q09d	Quiz	Quiz 2: Solving Linear Systems Algebraically
alg01u05c03110d	Lesson	Using Two Variables
alg01u05c03111d	Lesson	Money and Unit Pricing
alg01u05c03112d	Lesson	Using Formulas
alg01u05c03q13d	Quiz	Quiz 3: Representing Problems Using a Linear System
alg01u05sp14a	Project *	Special Project
alg01u05r15d	Review	Review
alg01u05t16d	Test	TEST
alg01u05t16a	Test *	ALTERNATE TEST
alg01u05ref	Reference	Reference

<b>Unit 6</b>		<b>POLYNOMIALS</b>
alg01u06c01101d	Lesson	Add and Subtract Polynomials
alg01u06c01102d	Lesson	Grouping Symbols
alg01u06c01q03d	Quiz	Quiz 1: Adding and Subtracting Polynomials
alg01u06c02104d	Lesson	Multiplying by a Monomial
alg01u06c02105d	Lesson	Multiplying all Polynomials
alg01u06c02106d	Lesson	F.O.I.L. and Special Cases
alg01u06c02107d	Lesson	Dividing by a Monomial
alg01u06c02108d	Lesson	Long Division
alg01u06c02q09d	Quiz	Quiz 2: Multiplying and Dividing Polynomials
alg01u06c03110d	Lesson	Greatest Common Factor
alg01u06c03111d	Lesson	Factoring Out the GCF
alg01u06c03112d	Lesson	Factoring by Grouping
alg01u06c03113d	Lesson	Factoring Trinomials: Part 1
alg01u06c03114d	Lesson	Factoring Trinomials: Part 2
alg01u06c03115d	Lesson	Special Cases
alg01u06c03116d	Lesson	Complete Factorization
alg01u06c03q17d	Quiz	Quiz 3: Factoring Polynomials
alg01u06sp18a	Project *	Special Project
alg01u06r19d	Review	Review
alg01u06t20d	Test	TEST
alg01u06t20a	Test *	ALTERNATE TEST
alg01u06ref	Reference	Reference

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<b>Unit 7</b>		<b>EXPONENTIAL AND RADICAL FUNCTIONS</b>
alg01u07c01101d	Lesson	Negative Exponents
alg01u07c01102d	Lesson	Exponential Expressions
alg01u07c01103d	Lesson	Scientific Notation
alg01u07c01q04d	Quiz	Quiz 1: Evaluating Exponential Expressions
alg01u07c02105d	Lesson	Multiplication
alg01u07c02106d	Lesson	Raising to a Power
alg01u07c02107d	Lesson	Division
alg01u07c02108d	Lesson	Geometric Sequences
alg01u07c02q09d	Quiz	Quiz 2: Properties of Exponents
alg01u07c03110d	Lesson	Simplifying Radicals
alg01u07c03111d	Lesson	Multiply Radicals
alg01u07c03112d	Lesson	Divide Radicals
alg01u07c03113d	Lesson	Add and Subtract Radicals
alg01u07c03114d	Lesson	Radical Equations
alg01u07c03q15d	Quiz	Quiz 3: Radical Functions
alg01u07sp16a	Project *	Special Project
alg01u07r17d	Review	Review
alg01u07t18d	Test	TEST
alg01u07t18a	Test *	ALTERNATE TEST
alg01u07ref	Reference	Reference

<b>Unit 8</b>		<b>QUADRATICS</b>
alg01u08c01101d	Lesson	Pythagorean Theorem
alg01u08c01102d	Lesson	Distance
alg01u08c01103d	Lesson	Midpoint
alg01u08c01q04d	Quiz	Quiz 1: Formulas
alg01u08c02105d	Lesson	Quadratic Functions
alg01u08c02106d	Lesson	Transformations
alg01u08c02107d	Lesson	Line of Symmetry
alg01u08c02108d	Lesson	Quadratic Inequalities
alg01u08c02q09d	Quiz	Quiz 2: Graphing Quadratic Functions
alg01u08c03110d	Lesson	Solving by Factoring
alg01u08c03111d	Lesson	Square Root Method
alg01u08c03112d	Lesson	Applications of Quadratics
alg01u08c03113d	Lesson	Completing the Square
alg01u08c03113a	Lesson	Completing the Square
alg01u08c03114d	Lesson	Quadratic Formula: Part 1
alg01u08c03115d	Lesson	Quadratic Formula: Part 2
alg01u08c03q16d	Quiz	Quiz 3: Solving Quadratic Equations
alg01u08sp17a	Project *	Special Project
alg01u08r18d	Review	Review
alg01u08t19d	Test	TEST
alg01u08t19a	Test *	ALTERNATE TEST
alg01u08ref	Reference	Reference

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<b>Unit 9</b>		<b>RATIONAL EXPRESSIONS</b>
alg01u09c01101d	Lesson	Simplifying Rational Expressions
alg01u09c01102d	Lesson	Multiply and Divide Rational Expressions
alg01u09c01103d	Lesson	Add and Subtract with Like Denominators
alg01u09c01104d	Lesson	Add and Subtract with Unlike Denominators
alg01u09c01q05d	Quiz	Quiz 1: Operations with Rational Expressions
alg01u09c02106d	Lesson	Proportions
alg01u09c02107d	Lesson	Using the LCD
alg01u09c02108d	Lesson	Complex Fractions
alg01u09c02109d	Lesson	Inequalities
alg01u09c02110d	Lesson	Applications of Rational Equations
alg01u09c02111d	Lesson	More Problems
alg01u09c02q12d	Quiz	Quiz 2: Rational Equations and Inequalities
alg01u09sp13a	Project *	Special Project
alg01u09r14d	Review	Review
alg01u09t15d	Test	TEST
alg01u09t15a	Test *	ALTERNATE TEST
alg01u09ref	Reference	Reference
<b>Unit 10</b>		<b>PROBABILITY AND STATISTICS</b>
alg01u10c01101d	Lesson	Measures of Central Tendency
alg01u10c01102d	Lesson	Dispersion
alg01u10c01103d	Lesson	Interpreting Data
alg01u10c01p04d	Project	Project: Data Analysis
alg01u10c01q05d	Quiz	Quiz 1: Measures of Central Tendency
alg01u10c02106d	Lesson	Sampling and Outcomes
alg01u10c02107d	Lesson	Permutations
alg01u10c02108d	Lesson	Combinations
alg01u10c02q09d	Quiz	Quiz 2: Outcomes
alg01u10c03110d	Lesson	Probability
alg01u10c03111d	Lesson	Compound Events
alg01u10c03p12d	Project	Project: Probability
alg01u10c03q13d	Quiz	Quiz 3: Probability
alg01u10sp14a	Project *	Special Project
alg01u10r15d	Review	Review
alg01u10t16d	Test	TEST
alg01u10t16a	Test *	ALTERNATE TEST
alg01u10ref	Reference	Reference

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<b>Unit 1</b>		<b>GEOMETRY: INTRODUCTION</b>
matgeou01L1	Lesson	Geometry and the World
matgeou01L2	Lesson	Nature of Mathematics
matgeou01L3	Lesson	The History of Geometric Mathematics
matgeou01L4	Lesson	Geometry's Effect on Me
matgeou01L5	Lesson	Mathematic System: Set Theory Review
matgeou01L6	Lesson	Mathematic System: Operations with Sets
matgeou011Q	Quiz	Quiz 1: History and Set Theory
matgeou01L7	Lesson	Geometry Undefined Terms: Points
matgeou01L8	Lesson	Geometry Undefined Terms: Lines
matgeou01L9	Lesson	Geometry Undefined Terms: Planes
matgeou012Q	Quiz	Quiz 2: Undefined Terms
matgeou01L10	Lesson	Defined Terms: Definitions
matgeou013Q	Quiz	Quiz 3: Defined Terms
matgeou01L11	Quiz	Geometric Postulates
matgeou01L12	Quiz	Review of Algebraic Postulates
matgeou01L13	Quiz	Geometric Theorems
matgeou01L14	Quiz	Review of Properties of Algebra
matgeou014Q	Quiz	Quiz 4: Postulates and Theorems
matgeou01altproj	Project *	Special Project
matgeou01TEST	Test	TEST
matgeou01alltest	Test *	ALTERNATE TEST
matgeou01REF	Reference	Reference

<b>Unit 2</b>		<b>GEOMETRY: LOGIC</b>
matgeou02L1	Lesson	Logic and Reasoning
matgeou02L2	Lesson	History of Logic and Reasoning
matgeou021Q	Quiz	Quiz 1: Introduction
matgeou02L3	Lesson	Logic
matgeou02L4	Lesson	Conjunctions
matgeou02L5	Lesson	Disjunctions
matgeou02L6	Lesson	Negation
matgeou02L7	Lesson	Conditional or Implication Statements
matgeou02L8	Lesson	Converse, Inverse, Contrapositive
matgeou022Q	Quiz	Quiz 2: Logic
matgeou02L9	Lesson	Inductive Reasoning
matgeou02L10	Lesson	Deductive Reasoning
matgeou02L11	Lesson	Using Deductive Reasoning
matgeou023Q	Quiz	Quiz 3: Inductive and Deductive Reasoning
matgeou02L12	Lesson	Proof Formats: Statement of the Theorem
matgeou02L13	Lesson	Proof Formats: The Figure
matgeou02L14	Lesson	Proof Formats: The Given Information
matgeou02L15	Lesson	Proof Formats: To Prove Statement
matgeou02L16	Lesson	Proof Formats: The Plan of the Proof
matgeou02L17	Lesson	Indirect Proof Format: The Paragraph Proof
matgeou024Q	Quiz	Quiz 4: Proof Format
matgeou02altproj	Project *	Special Project
matgeou02TEST	Test	Test
matgeou02alltest	Test *	ALTERNATE TEST
matgeou02REF	Reference	Reference

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<b>Unit 3</b>		<b>GEOMETRY: ANGLES AND PARALLELS</b>
matgeou03L1	Lesson	Angle Definitions
matgeou03L2	Lesson	Angle Measurement
matgeou031q	Quiz	Quiz 1: Angles
matgeou03L3	Lesson	Relationship Definitions
matgeou03L4	Lesson	Angle Relationship Theorems (1)
matgeou03L5	Lesson	Angle Relationship Theorems (2)
matgeou032q	Quiz	Quiz 2: Angle Theorems
matgeou03L6	Lesson	Construction: Copying Figures
matgeou03L7	Lesson	Construction: Bisecting Figures
matgeou03L8	Lesson	Basic Properties of Parallels
matgeou03L9	Lesson	Transversals and Special Angles
matgeou03L10	Lesson	More Proofs: Transversals and Special Angles
matgeou03L11	Lesson	Continued Proofs: Transversals and Special Angles
matgeou03L12	Lesson	More Proofs for Postulates 9 and 10
matgeou033q	Quiz	Quiz 3: Parallels and Transversals
matgeou03L13	Lesson	Construction: Perpendiculars
matgeou03L14	Lesson	Construction: Tangents to Circle
matgeou03L15	Lesson	Construction: Parallels
matgeou03L16	Lesson	Classifying Triangles by Sides and Angles
matgeou03L17	Lesson	Exterior/Remote Interior Angles of Triangle
matgeou03L18	Lesson	Proofs Involving Triangles
matgeou03L19	Lesson	Other Polygons
matgeou034q	Quiz	Quiz 4: Triangles, Polygons, and Angle Properties
matgeou03Altproj	Project *	Special Project
matgeou03TEST	Test	Test
matgeou03allttest	Test *	ALTERNATE TEST
matgeou03REF	Reference	Reference

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<b>Unit 4</b>		<b>GEOMETRY: CONGRUENT TRIANGLES AND QUADRILATERALS</b>
matgeou04L1	Lesson	Defining Congruent Triangles
matgeou04L2	Lesson	Proving Triangles Congruent (1)
matgeou04L3	Lesson	Proving Triangles Congruent (2)
matgeou04L4	Lesson	Proving Right Triangles Congruent
matgeou041q	Quiz	Quiz 1: Congruent Triangles and Quadrilaterals
matgeou04L5	Lesson	Independent Triangles (1)
matgeou04L6	Lesson	Independent Triangles (2)
matgeou04L7	Lesson	Overlapping Triangles (1)
matgeou04L8	Lesson	Overlapping Triangles (2)
matgeou04L9	Lesson	Isosceles Triangles (1)
matgeou04L10	Lesson	Isosceles Triangles (2)
matgeou04L11	Lesson	Construction of Triangles 30-60-90
matgeou04L12	Lesson	Construction of Triangles 45-45-90
matgeou042Q	Quiz	Quiz 2: Congruent Triangles and Quadrilaterals
matgeou04L13	Lesson	Inequality Theorem in One Triangle Part1
matgeou04L14	Lesson	Inequality Theorem in One Triangle Part2
matgeou04L15	Lesson	Inequalities in Two Triangles
matgeou04L16	Lesson	Quadrilateral Parallelograms Theorems Part1
matgeou04L17	Lesson	Quadrilateral Parallelograms Theorems Part2
matgeou043Q	Quiz	Quiz 3: Congruent Triangles and Quadrilaterals
matgeou04L18	Lesson	Triangles that Use Parallelograms in Proofs
matgeou04L19	Lesson	Parallelograms: Rectangles
matgeou04L20	Lesson	Parallelograms: Rhombus
matgeou04L21	Lesson	Trapezoids-Definitions and Proofs
matgeou044Q	Quiz	Quiz 4: Congruent Triangles and Quadrilaterals
matgeou04altproj	Project *	Special Project
matgeou04TEST	Test	TEST
matgeou04alttest	Test *	ALTERNATE TEST
matgeou04REF	Reference	Reference

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<b>Unit 5</b>		<b>GEOMETRY: SIMILAR POLYGONS</b>
matgeou05L1	Lesson	Algebra and Ratios
matgeou05L2	Lesson	Algebra Properties and Proportions
matgeou05L3	Lesson	Properties of Proportions
matgeou051q	Quiz	Quiz 1: Similar Polygons 1
matgeou05L4	Lesson	Meaning of Similarity
matgeou05L5	Lesson	Meaning of Similarity-Theorems
matgeou05L6	Lesson	Meaning of Similarity-Proofs
matgeou05L7	Lesson	Theorems about Similar Polygons
matgeou05L8	Lesson	Theorems about Special Segments in Triangles
matgeou05L9	Lesson	Theorems about Similar Right Triangles
matgeou05L10	Lesson	Pythagorean Theorem
matgeou05L11	Lesson	Theorem about 30-60-90 Right Triangles
matgeou05L12	Lesson	Theorem about 45-45-90 Right Triangles
matgeou052q	Quiz	Quiz 2: Similar Polygons 2
matgeou05L13	Quiz	Using Triangles in Rectangular Solids
matgeou05L14	Quiz	Using Triangles in a Regular Square Pyramid
matgeou05L15	Quiz	Trigonometry-Sine Ratio
matgeou05L16	Quiz	Trigonometry-Cosine Ratio
matgeou05L17	Quiz	Trigonometry-Tangent Ratio
matgeou05L18	Quiz	Using Similar Triangles in Indirect Measure
matgeou05L19	Quiz	Using Trigonometry in Indirect Measure
matgeou053q	Quiz	Quiz 3: Similar Polygons 3
matgeou05altproj	Project *	Special Project
matgeou05TEST	Test	Test
matgeou05alltest	Test *	ALTERNATE TEST
matgeou05REF	Reference	Reference
<b>Unit 6</b>		<b>GEOMETRY: CIRCLES</b>
matgeou06L1	Lesson	Characteristics of Circles
matgeou06L2	Lesson	Characteristics of Spheres
matgeou061Q	Quiz	Quiz 1: Characteristics of Circles
matgeou06L3	Lesson	Tangents
matgeou06L4	Lesson	Arcs
matgeou06L5	Lesson	Chords
matgeou06L6	Lesson	Theorems (1)
matgeou06L7	Lesson	Theorems (2)
matgeou062Q	Quiz	Quiz 2: Tangents
matgeou06L8	Lesson	Special Angles Type 1
matgeou06L9	Lesson	Special Angles Type 2
matgeou06L10	Lesson	Special Angles Type 3
matgeou06L11	Lesson	Special Segments
matgeou063Q	Quiz	Quiz 3: Special Angles Types
matgeou06L12	Lesson	Construction: Circles
matgeou06altproj	Project *	Special Project
matgeou06TEST	Test	TEST
matgeou06alltest	Test *	ALTERNATE TEST
matgeou06REF	Reference	Reference

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<b>Unit 7</b>		<b>GEOMETRY: AREA AND VOLUME</b>
matgeou07L1	Lesson	Area Concepts of Polygons
matgeou07L2	Lesson	Area of Rectangles
matgeou07L3	Lesson	Area of Parallelograms
matgeou07L4	Lesson	Area of Triangles and Rhombuses
matgeou07L5	Lesson	Area of Trapezoids
matgeou07L6	Lesson	Area of Regular Polygons
matgeou07L7	Lesson	Area Comparison of Polygons
matgeou071q	Quiz	Quiz 1: Area Concepts of Polygons
matgeou07L8	Lesson	Construction: Polygons
matgeou07L9	Lesson	Circles: Circumference and PI
matgeou07L10	Lesson	Circles: Area of Circles
matgeou07L11	Lesson	Circles: Area of Sectors
matgeou07112	Lesson	Circles: Area of Segments
matgeou072q	Quiz	Quiz 2: Construction of Polygons
matgeou07L13	Lesson	Solids: Prisms
matgeou07L14	Lesson	Solids: Pyramids
matgeou07L15	Lesson	Solids: Cylinders
matgeou07L16	Lesson	Solids: Cones
matgeou07L17	Lesson	Solids: Spheres
matgeou073q	Quiz	Quiz 3: Solids
matgeou07L18	Lesson	Construction: Dividing a Segment
matgeou07L19	Lesson	Construction: 4th Proportion
matgeou07L20	Lesson	Construction: Geometric Mean
matgeou07altproj	Project *	Special Project
matgeou07test	Test	TEST
matgeou07alltest	Test *	ALTERNATE TEST
matgeou07ref	Reference	Reference

<b>Unit 8</b>		<b>GEOMETRY: COORDINATE GEOMETRY</b>
matgeou08L1	Lesson	Symmetry
matgeou08L2	Lesson	Ordered Pairs: Points in a Plane
matgeou08L3	Lesson	Graphs of Algebraic Sentences
matgeou081Q	Quiz	Quiz 1: Ordered Pairs: Points in a Plane
matgeou08L4	Lesson	Distance Formula
matgeou08L5	Lesson	Equation of a Circle
matgeou08L6	Lesson	Midpoint Formula
matgeou082Q	Quiz	Quiz 2: Distance Formula
matgeou08L7	Lesson	Slope
matgeou08L8	Lesson	Parallel and Perpendicular Lines
matgeou08L9	Lesson	Equations of Lines
matgeou083Q	Quiz	Quiz 3: Lines : Slope
matgeou08L10	Lesson	Figures in the Coordinate Plane
matgeou08L11	Lesson	Proofs with Coordinate Geometry (1)
matgeou08L12	Lesson	Proofs with Coordinate Geometry (2)
matgeou084Q	Quiz	Quiz 4: Proofs By Coordinate Method: Figures
matgeou08altproj	Project *	Special Project
matgeou08TEST	Test	TEST
matgeou08alltest	Test *	ALTERNATE TEST
matgeou08REF	Reference	Reference

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<b>Unit 9</b>		<b>GEOMETRY: TRANSFORMATIONS</b>
matgeou09L1	Lesson	Introduction: Rigid Motion, or Isometry
matgeou09L2	Lesson	Isometry: Reflection
matgeou09L3	Lesson	Isometry: Translation
matgeou09L4	Lesson	Isometry: Rotation
matgeou091q	Quiz	Quiz 1: Isometry
matgeou09L5	Lesson	Dilation: Congruence and Similarity
matgeou09L6	Lesson	Product Transformation
matgeou09L7	Lesson	Inverse and Identity Transformation
matgeou09L8	Lesson	Symmetry Review
matgeou092q	Quiz	Quiz 2: Transformations
matgeou09altproj	Project *	Special Project
matgeou09TEST	Test	TEST
matgeou09allttest	Test *	ALTERNATE TEST
matgeou09REF	Reference	Reference
<b>Unit 10</b>		<b>GEOMETRY REVIEW</b>
matgeou10L1	Lesson	History of Geometry
matgeou10L2	Lesson	Geometry as a System
matgeou10L3	Lesson	Geometry Proofs
matgeou10L4	Lesson	Angle Relationships and Parallels
matgeou101Q	Quiz	Quiz 1: History of Geometry
matgeou10L5	Lesson	Congruent Triangles and Quadrilaterals
matgeou10L6	Lesson	Similar Polygons
matgeou10L7	Lesson	Circles
matgeou102Q	Quiz	Quiz 2: Congruent Triangles and Quadrilaterals
matgeou10L8	Lesson	Area and Volume
matgeou10L9	Lesson	Coordinate Geometry
matgeou103Q	Quiz	Quiz 3: Area and Volume
matgeou10altproj	Project *	Special Project
matgeou10TEST	Test	TEST
matgeou10allttest	Test *	ALTERNATE TEST
matgeou10REF	Reference	Reference

**Scope and Sequence - Eleventh Grade**  
**Algebra II - 2009**

<b>Unit 1</b>		<b>ALGEBRA II - SET, STRUCTURE, AND FUNCTION</b>
matalg02u01L1	Lesson	Properties of Sets
matalg02u01L2	Lesson	Operations of Sets
matalg02u011q	Quiz	Quiz 1: Set, Structure, Function
matalg02u01L3	Lesson	Structure: Axioms
matalg02u01L4	Lesson	Structure: Applications
matalg02u01L5	Lesson	Relations and Functions: Definitions
matalg02u01L6	Lesson	Relations and Functions: Graphs
matalg02u01L7	Lesson	Relations and Functions: Function Notation
matalg02u01L8	Lesson	Relations and Functions: Inverses
matalg02u012q	Quiz	Quiz 2: Set, Structure, Function
matalg02u01L9	Lesson	Algebraic Expressions: Exponents Part 1
matalg02u01L9a	Lesson	Algebraic Expressions: Exponents Part 2
matalg02u01L10	Lesson	Multiplication and Division Part 1
matalg02u01L10a	Lesson	Multiplication and Division Part 2
matalg02u01L11	Lesson	Exponents of Exponential Expressions
matalg02u01L12	Lesson	Algebraic Expressions: Combining Terms
matalg02u013q	Quiz	Quiz 3: Set, Structure, Function
matalg02u01altproj	Project *	Special Project
matalg02u01test	Test	TEST
matalg02u01alttest	Test *	ALTERNATE TEST
matalg02u01ref	Reference	Reference

<b>Unit 2</b>		<b>ALGEBRA II - NUMBERS, SENTENCES, AND PROBLEMS</b>
matalg02u02L1	Lesson	Number Order and Absolute Value
matalg02u02L2	Lesson	Sums and Products
matalg02u021q	Quiz	Quiz 1: Numbers, Sentences, and Problems
matalg02u02L3	Lesson	Solving Equations
matalg02u02L4	Lesson	Multiplication Property
matalg02u02L5	Lesson	Multi-step Equations
matalg02u02L6	Lesson	Equations with Parentheses
matalg02u02L7	Lesson	Literal Expressions
matalg02u02L8	Lesson	Solving Inequalities
matalg02u02L9	Lesson	Graphing Solution Sets for Inequalities
matalg02u02L10	Lesson	Compound Sentences
matalg02u022q	Quiz	Quiz 2: Numbers, Sentences, and Problems
matalg02u02L11	Lesson	Number Problems
matalg02u02L12	Lesson	Motion Problems
matalg02u02L13	Lesson	Miscellaneous Problems
matalg02u023q	Quiz	Quiz 3: Numbers, Sentences, and Problems
matalg02u02altproj	Project *	Special Project
matalg02u02test	Test	TEST
matalg02u02alttest	Test *	ALTERNATE TEST
matalg02u02ref	Reference	Reference

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<b>Unit 3</b>		<b>ALGEBRA II - LINEAR EQUATIONS AND INEQUALITIES</b>
matalg02u03L1	Lesson	Line Graphs
matalg02u03L2	Lesson	Line Graphs by Two Points
matalg02u03L3	Lesson	Slope of Lines Part 1
matalg02u03L4	Lesson	Slope of Lines Part 2
matalg02u03L5	Lesson	Equations: Point Slope Part 1
matalg02u03L5b	Lesson	Equations: Point Slope Part 2
matalg02u03L5c	Lesson	Equations: Point Slope Part 3
matalg02u03L6	Lesson	Equations: Slope-Intercept
matalg02u03L7	Lesson	General Equation of a Line
matalg02u031q	Quiz	Quiz 1: Linear Equations and Inequalities
matalg02u03L8	Lesson	Solutions for Systems of Equations
matalg02u03L9	Lesson	Solutions by Addition
matalg02u03L10	Lesson	Solutions by Multiplication and Addition
matalg02u03L11	Lesson	Solutions by Substitution
matalg02u03L12	Lesson	Application of Systems of Equations
matalg02u032q	Quiz	Quiz 2: Linear Equations and Inequalities
matalg02u03L13	Lesson	Solving Inequalities
matalg02u03L14	Lesson	Solving Two-order Inequalities
matalg02u033q	Quiz	Quiz 3: Linear Equations and Inequalities
matalg02u03altproj	Project *	Special Project
matalg02u03test	Test	TEST
matalg02u03alttest	Test *	ALTERNATE TEST
matalg02u03ref	Reference	Reference
<b>Unit 4</b>		<b>ALGEBRA II - POLYNOMIALS</b>
matalg02u04L1	Lesson	Products and Factoring
matalg02u04L1a	Lesson	Multiplying Polynomials by Polynomials
matalg02u04L2	Lesson	Using Special Products Part 1
matalg02u04L2a	Lesson	Using Special Products Part 2
matalg02u04L3	Lesson	Factoring Trinomials
matalg02u04L4	Lesson	Factoring Special Products Part 1
matalg02u04L4a	Lesson	Factoring Special Products Part 2
matalg02u041q	Quiz	Quiz 1: Polynomials
matalg02u04L5	Lesson	Addition and Subtraction Operations
matalg02u04L6	Lesson	Division with Polynomials
matalg02u04L7	Lesson	Synthetic Division
matalg02u042q	Quiz	Quiz 2: Polynomials
matalg02u04L8	Lesson	Direct Variation
matalg02u04L9	Lesson	Inverse Variation
matalg02u04L10	Lesson	Joint and Combined Variation
matalg02u043q	Quiz	Quiz 3: Polynomials
matalg02u04altproj	Project *	Special Project
matalg02u04test	Test	TEST
matalg02u04alttest	Test *	ALTERNATE TEST
matalg02u04ref	Reference	Reference

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<b>Unit 5</b>		<b>ALGEBRA II - ALGEBRAIC FRACTIONS</b>
matalg02u05L1	Lesson	Multiplying and Dividing with Fractions
matalg02u05L2	Lesson	Reducing Rational Expressions
matalg02u05L3	Lesson	Multiplying Algebraic Fractions
matalg02u05L4	Lesson	Dividing Algebraic Fractions
matalg02u051q	Quiz	Quiz 1: Algebraic Fractions
matalg02u05L5	Lesson	Adding and Subtracting Algebraic Fractions
matalg02u05L6	Lesson	Addition and Subtraction
matalg02u05L7	Lesson	Mixed Expressions and Complex Fractions
matalg02u052q	Quiz	Quiz 2: Algebraic Fractions
matalg02u05L8	Lesson	Equations with Fractions
matalg02u05L9	Lesson	Fractional Equations
matalg02u05L10	Lesson	Proportions
matalg02u053q	Quiz	Quiz 3: Algebraic Fractions
matalg02u05L11	Lesson	Applications of Fractions
matalg02u05L12	Lesson	Mixture Problems
matalg02u05L13	Lesson	Work Problems
matalg02u054q	Quiz	Quiz 4: Algebraic Fractions
matalg02u05altproj	Project *	Special Project
matalg02u05test	Test	TEST
matalg02u05alttest	Test *	ALTERNATE TEST
matalg02u05ref	Reference	Reference

<b>Unit 6</b>		<b>ALGEBRA II - REAL NUMBERS</b>
matalg02u06L1	Lesson	Real Numbers
matalg02u06L2	Lesson	Law of Radicals
matalg02u06L3	Lesson	Conjugates
matalg02u06L4	Lesson	Radical Equations
matalg02u061q	Quiz	Quiz 1: Real Numbers
matalg02u06L5	Lesson	Quadratic Equations
matalg02u06L6	Lesson	Factoring Quadratic Equations
matalg02u06L7	Lesson	Completing the Square
matalg02u062q	Quiz	Quiz 2: Real Numbers
matalg02u06L8	Lesson	Quadratic Formula
matalg02u06L9	Lesson	Word Problems Using the Quadratic Formula
matalg02u06L10	Lesson	Sum and Product of Roots
matalg02u06L11	Lesson	The Discriminant
matalg02u06L12	Lesson	Imaginary Numbers
matalg02u063q	Quiz	Quiz 3: Real Numbers
matalg02u06altproj	Project *	Special Project
matalg02u06test	Test	TEST
matalg02u06alttest	Test *	ALTERNATE TEST
matalg02u06ref	Reference	Reference

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<b>Unit 7</b>		<b>ALGEBRA II - QUADRATIC RELATIONS AND SYSTEMS</b>
matalg02u07L1	Lesson	Distance Formula
matalg02u07L2	Lesson	Circle
matalg02u07L3	Lesson	Ellipse
matalg02u07L4	Lesson	Ellipse Continued
matalg02u071q	Quiz	Quiz 1: Real Numbers
matalg02u07L5	Lesson	Conic Sections: Parabola
matalg02u07L6	Lesson	Conic Sections: Parabola Continued
matalg02u07L7	Lesson	Conic Sections: Hyperbola
matalg02u07L8	Lesson	Conic Sections: Hyperbola Continued
matalg02u07L9	Lesson	Identifying Conic Sections
matalg02u072q	Quiz	Quiz 2: Real Numbers
matalg02u07L10	Lesson	Systems of Equations
matalg02u07L11	Lesson	Systems of Inequalities
matalg02u07L12	Lesson	Applications of Conic Sections
matalg02u07L13	Lesson	Applications Continued
matalg02u07L14	Lesson	Applications Continued Again
matalg02u07L15	Lesson	Constant of Proportionality
matalg02u073q	Quiz	Quiz 3: Real Numbers
matalg02u07altproj	Project *	Special Project
matalg02u07test	Test	TEST
matalg02u07alttest	Test *	ALTERNATE TEST
matalg02u07ref	Reference	Reference

<b>Unit 8</b>		<b>ALGEBRA II - EXPONENTIAL FUNCTIONS</b>
matalg02u08L1	Lesson	Exponential Functions
matalg02u08L2	Lesson	Fractional Exponents
matalg02u08L3	Lesson	Exponential Equations
matalg02u08L4	Lesson	Graphing Exponential Functions
matalg02u08L5	Lesson	Exponential Applications
matalg02u081q	Quiz	Quiz 1: Exponential Functions
matalg02u08L6	Lesson	Logarithmic Functions
matalg02u08L7	Lesson	Evaluation of Logarithms
matalg02u08L8	Lesson	Mantissas
matalg02u08L9	Lesson	General Properties of Logarithms
matalg02u08L10	Lesson	Scientific Notation
matalg02u08L11	Lesson	Calculation of Common Logarithms
matalg02u08L12	Lesson	Graphs of Logarithmic Functions
matalg02u08L13	Lesson	Computation with Logarithms
matalg02u08L14	Lesson	Logarithmic Applications
matalg02u082q	Quiz	Quiz 2: Exponential Functions
matalg02u08L15	Lesson	Matrices
matalg02u08L16	Lesson	System Solutions with Matrices
matalg02u08L17	Lesson	Addition and Multiplication of Matrices
matalg02u08L18	Lesson	Interpretations Using Matrices
matalg02u083q	Quiz	Quiz 3: Exponential Functions
matalg02u08altproj	Project *	Special Project
matalg02u08test	Test	TEST
matalg02u08alttest	Test *	ALTERNATE TEST
matalg02u08ref	Reference	Reference

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<b>Unit 9</b>		<b>ALGEBRA II - COUNTING PRINCIPLES</b>
matalg02u09L1	Lesson	Progressions: Sequences
matalg02u09L2	Lesson	Progressions: Series
matalg02u091q	Quiz	Quiz 1: Counting Principles
matalg02u09L3	Lesson	Permutations: Factorials
matalg02u09L4	Lesson	Permutation Formula
matalg02u09L5	Lesson	Permutations: Applications
matalg02u092q	Quiz	Quiz 2: Counting Principles
matalg02u09L6	Lesson	Combination Formula
matalg02u09L7	Lesson	Combinations: Applications
matalg02u09L8	Lesson	Combinations: Binomial Coefficients
matalg02u093q	Quiz	Quiz 3: Counting Principles
matalg02u09L9	Lesson	Probability: Concepts
matalg02u09L10	Lesson	Probability: Equally Likely Outcomes
matalg02u09L11	Lesson	Probability: Multiplication Principle
matalg02u09L12	Lesson	Conditional Probability
matalg02u094q	Quiz	Quiz 4: Counting Principles
matalg02u09altproj	Project *	Special Project
matalg02u09test	Test	TEST
matalg02u09alttest	Test *	ALTERNATE TEST
matalg02u09ref	Reference	Reference

<b>Unit 10</b>		<b>ALGEBRA II - REVIEW</b>
matalg02u10L1	Lesson	Integers
matalg02u10L2	Lesson	Integers Continued
matalg02u10L3	Lesson	Open Sentences
matalg02u10L4	Lesson	Open Sentences Continued
matalg02u10L5	Lesson	Graphs
matalg02u10L6	Lesson	Graphs Continued
matalg02u101q	Quiz	Quiz 1: Review
matalg02u10L7	Lesson	Polynomials
matalg02u10L8	Lesson	Polynomials Continued
matalg02u10L9	Lesson	Algebraic Fractions Part 1
matalg02u10L10	Lesson	Algebraic Fractions Part 2
matalg02u10L10a	Lesson	Algebraic Fractions Part 3
matalg02u10L11	Lesson	Real Numbers
matalg02u10L12	Lesson	Real Numbers Continued
matalg02u102q	Quiz	Quiz 2: Review
matalg02u10L13	Lesson	Quadratic Relations and Systems
matalg02u10L14	Lesson	Quadratics Continued
matalg02u10L15	Lesson	Exponential Functions
matalg02u10L16	Lesson	Exponential Functions Continued
matalg02u10L17	Lesson	Counting Principles
matalg02u10L18	Lesson	Counting Principles Continued
matalg02u103q	Quiz	Quiz 3: Review
matalg02u10altproj	Project *	Special Project
matalg02u10test	Test	TEST
matalg02u10alttest	Test *	ALTERNATE TEST
matalg02u10ref	Reference	Reference

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<b>Unit 1</b>		<b>PRECALCULUS: RELATIONS AND FUNCTIONS</b>
matpcalu01L1	Lesson	Ordered-Pair Numbers: Relations
matpcalu01L2	Lesson	Ordered-Pair Numbers: Functions
matpcalu01L3	Lesson	Ordered-Pair Numbers: Rules of Corres.
matpcalu011q	Quiz	Quiz 1: Relations and Functions
matpcalu01L4	Lesson	Algebra of Functions: Notation
matpcalu01L5	Lesson	Algebra of Functions: Arithmetic
matpcalu01L6	Lesson	Algebra of Functions: Composition
matpcalu01L7	Lesson	Algebra of Functions: Inverse
matpcalu012q	Quiz	Quiz 2: Relations and Functions (2)
matpcalu01altproj	Project *	Special Project
matpcalu01test	Test	TEST
matpcalu01ALTTEST	Test *	ALTERNATE TEST
matpcalu01ref	Reference	Reference

<b>Unit 2</b>		<b>PRECALCULUS: FUNCTIONS</b>
matpcalu02L1	Lesson	Linear Functions: Graphs
matpcalu02L2	Lesson	Linear Functions: Equations
matpcalu021q	Quiz	Quiz 1: Linear Functions
matpcalu02L3	Lesson	2nd-Degree Functions: Solutions
matpcalu02L4	Lesson	Relationships Between Zeros and Coefficients
matpcalu02L5	Lesson	Quadratic Inequalities
matpcalu022q	Quiz	Quiz 2: Second-Degree Functions
matpcalu02L6	Lesson	Polynomial Functions
matpcalu02L7	Lesson	Nth-Degree Equations
matpcalu023q	Quiz	Quiz 3: Polynomial Functions
matpcalu02L8	Lesson	Greatest Integer Function
matpcalu02L9	Lesson	Exponential Function
matpcalu02L10	Lesson	Logarithmic Function
matpcalu02L11	Lesson	Function Combinations
matpcalu024q	Quiz	Quiz 4: Special Functions
matpcalu02altproj	Project *	Special Project
matpcalu02test	Test	TEST
matpcalu02ALTTEST	Test *	ALTERNATE TEST
matpcalu02ref	Reference	Reference

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<b>Unit 3</b>		<b>PRECALCULUS: TRIGONOMETRIC FUNCTIONS</b>
matpcalu03L1	Lesson	Definition of the Trigonometric Functions
matpcalu031q	Quiz	Quiz 1: Trigonometric Functions
matpcalu03L2	Lesson	Evaluation of Functions
matpcalu032q	Quiz	Quiz 2: Evaluation of Functions
matpcalu03L3	Lesson	Angle Location
matpcalu033q	Quiz	Quiz 3: Angle Location
matpcalu03L4	Lesson	Reduction Formulas
matpcalu034q	Quiz	Quiz 4: Reduction Formulas
matpcalu03L5	Lesson	Quadrantal Angles
matpcalu035q	Quiz	Quiz 5: Quadrantal Angles
matpcalu03L6	Lesson	Special Angles
matpcalu036q	Quiz	Quiz 6: Special Angles
matpcalu03L7	Lesson	Radian Measure
matpcalu037q	Quiz	Quiz 7: Radian Measure
matpcalu03altproj	Project *	Special Project
matpcalu03test	Test	TEST
matpcalu03ALTTEST	Test *	ALTERNATE TEST
matpcalu03ref	Reference	Reference
<b>Unit 4</b>		<b>PRECALCULUS: CIRCULAR FUNCTIONS AND THEIR GRAPHS</b>
matpcalu04L1	Lesson	Circular Functions
matpcalu041q	Quiz	Quiz 1: Circular Functions
matpcalu04L2	Lesson	Circular Functions of Special Angles
matpcalu042q	Quiz	Quiz 2: Circular Functions of Special Angles
matpcalu04L3	Lesson	Graphs of Sin and Cos
matpcalu043q	Quiz	Quiz 3: Graphs of Sin and Cos
matpcalu04L4	Lesson	Other Graphs
matpcalu044q	Quiz	Quiz 4: Other Graphs
matpcalu04L5	Lesson	Applications
matpcalu045q	Quiz	Quiz 5: Applications
matpcalu04L6	Lesson	Amplitude of Circular Functions
matpcalu046q	Quiz	Quiz 6: Amplitude of Circular Functions
matpcalu04L7	Lesson	Period of Circular Functions
matpcalu047q	Quiz	Quiz 7: Period of Circular Functions
matpcalu04L8	Lesson	Phase Shift of Circular Functions
matpcalu048q	Quiz	Quiz 8: Phase Shift of Circular Functions
matpcalu04altproj	Project *	Special Project
matpcalu04test	Test	TEST
matpcalu04ALTTEST	Test *	ALTERNATE TEST
matpcalu04ref	Reference	Reference

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<b>Unit 5</b>		<b>PRECALCULUS: IDENTITIES AND FUNCTIONS OF MULTIPLE ANGLES</b>
matpcalu05L1	Lesson	Reciprocal Relations
matpcalu051q	Quiz	Quiz 1: Reciprocal Relations
matpcalu05L2	Lesson	Pythagorean Relations
matpcalu052q	Quiz	Quiz 2: Pythagorean Relations
matpcalu05L3	Lesson	Quotient Relations
matpcalu053q	Quiz	Quiz 3: Quotient Relations
matpcalu05L4	Lesson	Trigonometric Identities
matpcalu054q	Quiz	Quiz 4: Trigonometric Identities
matpcalu05L5	Lesson	Cosine of the Sum of Two Angles
matpcalu055q	Quiz	Quiz 5: Cosine of the Sum of Two Angles
matpcalu05L6	Lesson	Additional Sum and Difference Formulas
matpcalu056q	Quiz	Quiz 6: Additional Sum and Difference Formulas
matpcalu05L7	Lesson	Double- and Half-Angle Formulas
matpcalu057q	Quiz	Quiz 7: Double- and Half-Angle Formulas
matpcalu05L8	Lesson	Identities
matpcalu058q	Quiz	Quiz 8: Identities
matpcalu05L9	Lesson	Trigonometric Equations
matpcalu059q	Quiz	Quiz 9: Trigonometric Equations
matpcalu05altproj	Project *	Special Project
matpcalu05test	Test	TEST
matpcalu05ALTTEST	Test *	ALTERNATE TEST
matpcalu05ref	Reference	Reference
<b>Unit 6</b>		<b>PRECALCULUS: APPLICATION OF TRIGONOMETRIC FUNCTIONS</b>
matpcalu06L1	Lesson	Trigonometric Functions of Any Angle
matpcalu061q	Quiz	Quiz 1: Trigonometric Functions of Any Angle
matpcalu06L2	Lesson	More Trigonometric Functions of Any Angle
matpcalu062q	Quiz	Quiz 2: Trigonometric Functions
matpcalu06L3	Lesson	Applied Problems
matpcalu06L4	Lesson	Law of Cosines
matpcalu063q	Quiz	Quiz 3: Law of Cosines
matpcalu06L5	Lesson	Law of Sines
matpcalu064q	Quiz	Quiz 4: Law of Sines
matpcalu06L6	Lesson	More Applications
matpcalu065q	Quiz	Quiz 5: More Applications
matpcalu06L7	Lesson	Inclined Plane Application
matpcalu06L8	Lesson	Navigation Application
matpcalu066q	Quiz	Quiz 6: Additional Application Problems
matpcalu06altproj	Project *	Special Project
matpcalu06test	Test	TEST
matpcalu06ALTTEST	Test *	ALTERNATE TEST
matpcalu06ref	Reference	Reference

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Unit 7	<b>PRECALCULUS: INVERSE TRIGONOMETRIC FUNCTIONS AND POLAR COORDINATES</b>	
matpcalu07L1	Lesson	The Inverse Sine Function
matpcalu071q	Quiz	Quiz 1: The Inverse Sine Function
matpcalu07L2	Lesson	The Inverse Cosine Function
matpcalu072q	Quiz	Quiz 2: The Inverse Cosine Function
matpcalu07L3	Lesson	The Inverse Tangent Function
matpcalu073q	Quiz	Quiz 3: The Inverse Tangent Function
matpcalu07L4	Lesson	Other Inverse Functions
matpcalu074q	Quiz	Quiz 4: Other Inverse Functions
matpcalu07L5	Lesson	Graphs of Inverse Functions
matpcalu075q	Quiz	Quiz 5: Graphs of Inverse Functions
matpcalu07L6	Lesson	Graphing Polar Coordinates
matpcalu076q	Quiz	Quiz 6: Graphing Polar Coordinates
matpcalu07L7	Lesson	Converting Coordinates
matpcalu077q	Quiz	Quiz 7: Converting Coordinates
matpcalu07L8	Lesson	Converting Cartesian Equations to Polar Equations
matpcalu078q	Quiz	Quiz 8: Converting Cartesian Equations to Polar Equations
matpcalu07L9	Lesson	Converting Polar Equations to Cartesian Equations
matpcalu079q	Quiz	Quiz 9: Converting Polar Equations to Cartesian Equations
matpcalu07L10	Lesson	Graphing Polar Equations
matpcalu0710q	Quiz	Quiz 10: Graphing Polar Equations
matpcalu07altproj	Project *	Special Project
matpcalu07test	Test	TEST
matpcalu07ALTTEST	Test *	ALTERNATE TEST
matpcalu07ref	Reference	Reference

Unit 8	<b>PRECALCULUS: QUADRATIC EQUATIONS</b>	
matpcalu08L1	Lesson	The Circle
matpcalu08L2	Lesson	The Circle Continued
matpcalu08L3	Lesson	Equation from Three Points
matpcalu08L4	Lesson	Equation from Three Points Applied
matpcalu08L5	Lesson	The Ellipse
matpcalu08L6	Lesson	The Ellipse: Standard Form
matpcalu08L7	Lesson	The Ellipse: General Form
matpcalu08L8	Lesson	The Ellipse Applied
matpcalu081q	Quiz	Quiz 1: Quadratic Equations
matpcalu08L9	Lesson	The Parabola
matpcalu08L10	Lesson	The Parabola Continued
matpcalu08L11	Lesson	The Parabola: Standard Form
matpcalu08L12	Lesson	The Parabola Applied
matpcalu08L13	Lesson	The Hyperbola
matpcalu082q	Quiz	Quiz 2: Quadratic Equations
matpcalu08L14	Lesson	Translation
matpcalu08L15	Lesson	Translation of Equations
matpcalu08L16	Lesson	Rotation
matpcalu08L17	Lesson	Rotation of Equations
matpcalu083q	Quiz	Quiz 3: Quadratic Equations
matpcalu08altproj	Project *	Special Project
matpcalu08test	Test	TEST
matpcalu08ALTTEST	Test *	ALTERNATE TEST
matpcalu08ref	Reference	Reference

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<b>Unit 9</b>		<b>PRECALCULUS: PROBABILITY</b>
matpcalu09L1	Lesson	Definitions, Sample Spaces, and Probability
matpcalu09L2	Lesson	Addition of Probabilities
matpcalu09L3	Lesson	Multiplication of Probabilities
matpcalu091q	Quiz	Quiz 1: Probability
matpcalu09L4	Lesson	Definitions
matpcalu09L5	Lesson	Permutation of N Things: Different
matpcalu09L6	Lesson	Permutation of N Things: Not All Different
matpcalu09L7	Lesson	Circular Permutations
matpcalu09L8	Lesson	Combinations
matpcalu092q	Quiz	Quiz 2: Probability
matpcalu09altproj	Project *	Special Project
matpcalu09test	Test	TEST
matpcalu09ALTTEST	Test *	ALTERNATE TEST
matpcalu09ref	Reference	Reference

<b>Unit 10</b>		<b>PRECALCULUS: CALCULUS AND REVIEW</b>
matpcalu10L1	Lesson	Summation
matpcalu10L2	Lesson	Proofs by Mathematical Induction
matpcalu101q	Quiz	Quiz 1: Calculus
matpcalu10L3	Lesson	Functional Notation
matpcalu10L4	Lesson	Difference Quotient
matpcalu10L5	Lesson	Limits
matpcalu102q	Quiz	Quiz 2: Calculus
matpcalu10L6	Lesson	Slope of a Line
matpcalu10L7	Lesson	Slope of a Curve
matpcalu103q	Quiz	Quiz 3: Calculus
matpcalu10L8	Lesson	Review Pre Calculus Units 1 and 2
matpcalu10L9	Lesson	Review Pre Calculus Units 3 and 4
matpcalu10L10	Lesson	Review Pre Calculus Units 5 and 6
matpcalu10L11	Lesson	Review Pre Calculus Units 7 and 8
matpcalu10L12	Lesson	Review Pre Calculus Units 9 and 10
matpcalu104q	Quiz	Quiz 4: Calculus
matpcalu10altproj	Project *	Special Project
matpcalu10test	Test	TEST
matpcalu10ALTTEST	Test *	ALTERNATE TEST
matpcalu10ref	Reference	Reference