Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Number Sense

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
1.0 Students understand the place value of whole numbers: **SEE BELOW**					
1.1 Count, read, and write whole numbers to 10,000		**Module: Number Sense** Unit: Numbers to 999 Session 1: Counting by Graphing **Module: Number Sense** Unit: Numbers to 9,999 Session 1: Place Value: Thousands, Hundreds, Tens, and Ones	**Module: Numbers and Number Sense** Unit: Large and Small Numbers Session 1: Whole Numbers to One Million		
1.2 Compare and order whole numbers to 10,000.		**Module: Number Sense** Unit: Numbers to 999 Session 5: Comparing and Ordering **Module: Number Sense** Unit: Numbers to 9,999 Session 2: Comparing and Ordering	**Module: Numbers and Number Sense** Unit: Large and Small Numbers Session 2: Ordering and Rounding Whole Numbers **The Graphing Tool**		

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Number Sense

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Algebra I: Concepts: Course IV	Mastering Skills & Concepts: Course V
1.3 Identify the place value for each digit in numbers to 10,000.		**Module: Number Sense** Unit: Numbers to 999 Session 2: Place Value: Tens and Ones Session 3: Place Value: Hundreds, Tens, and Ones **Module: Number Sense** Unit: Numbers to 9,999 Session 1: Place Value: Thousands, Hundreds, Tens, and Ones	**Module: Numbers and Number Sense** Unit: Large and Small Numbers Session 1: Whole Numbers to One Million		
1.4 Round off numbers to 10,000 to the nearest ten, hundred, and thousand.			**Module: Numbers and Number Sense** Unit: Large and Small Numbers Session 2: Ordering and Rounding Whole Numbers		
1.5 Use expanded notation to represent numbers (e.g., 3,206 = 3000 + 200 + 6).		**Module: Number Sense** Unit: Numbers to 999 Session 4: Expanded Form and Equivalent Representations of a Number **Module: Number Sense** Unit: Numbers to 9,999 Session 1: Place Value: Thousands, Hundreds, Tens, and Ones	**Module: Numbers and Number Sense** Unit: Large and Small Numbers Session 1: Whole Numbers to One Million		

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Number Sense

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
2.0 Students calculate and solve problems involving addition, subtraction, multiplication, and division: **SEE BELOW**					
2.1 Find the sum or difference of two whole numbers between 0 and 10,000.		**Module: Operations with Numbers** Unit: Addition and Subtraction Session 1: Sums Less than 100 Session 2: Estimating and Finding Sums Less than 1,000 Session 3: Differences within 100 Session 4: Estimating and Finding Differences within 1,000 Session 5: Estimating and Finding Differences within 9,999	**Module: Operations with Numbers** Unit: Addition and Subtractions of Whole Numbers Session 1: Whole Number Sums Session 2: Differences Between Large Numbers		
2.2 Memorize to automaticity the multiplication table for numbers between 1 and 10.					

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Number Sense

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III
2.3 Use the inverse relationship of multiplication and division to compute and check results.		**Module: Operations with Numbers** Unit: Division Session 2: Dividing by a 1-digit Number	**Module: Operations with Numbers** Unit: Multiplication and Division of Whole Numbers Session 2: Introduction to Long Division		
2.4 Solve simple problems involving multiplication of multi-digit numbers by one-digit numbers (3,671 x 3 = __).		**Module: Operations with Numbers** Unit: Multiplication Session 3: Finding Products Less than 100	**Module: Operations with Numbers** Unit: Multiplication and Division of Whole Numbers Session 1: Two-digit Multipliers		
2.5 Solve division problems in which a multi-digit number is evenly divided by a one-digit number (135 ÷ 5 = __).		**Module: Operations with Numbers** Unit: Division Session 2: Dividing by a 1-digit Number	**Module: Operations with Numbers** Unit: Multiplication and Division of Whole Numbers Session 2: Introduction to Long Division		

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Number Sense

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
2.6 Understand the special properties of 0 and 1 in multiplication and division.			**Module: Fractions** Unit: Proper and Improper Fractions Session 3: Equivalent Fractions (Covers the property of 1, but not 0.)		
2.7 Determine the unit cost when given the total cost and number of units.					
2.8 Solve problems that require two or more of the skills mentioned above.					

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Number Sense

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
3.0 Students understand the relationship between whole numbers, simple fractions, and decimals: **SEE BELOW**					
3.1 Compare fractions represented by drawings or concrete materials to show equivalency and to add and subtract simple fractions in context (e.g., _ of a pizza is the same amount as 2/4 of another pizza that is the same size; show that 3/8 is larger than _.)		**Module: Operations with Numbers** Unit: Division Session 3: Fractional Parts	**Module: Fractions** Unit: Proper and Improper Fractions Session 3: Equivalent Fractions Session 4: Ordering and Rounding Fractions **Module: Fractions** Unit: Addition and Subtraction Session 1: Sums Involving Like Denominators		
3.2 Add and subtract simple fractions (e.g., determine that 1/8 + 3/8 is the same as _).			**Module: Fractions** Unit: Addition and Subtraction Session 1: Sums Involving Like Denominators Session 2: Differences Involving Like Denominators		

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Number Sense

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III
3.3 Solve problems involving addition, subtraction, multiplication, and division of money amounts in decimal notation and multiply and divide money amounts in decimal notation by using whole-number multipliers and divisors.		**Module: Geometry and Measurement** Unit: Measurement Session 2: Money	**Module: Decimals** Unit: Addition and Subtraction Session 1: Adding Decimals Session 2: Subtracting Decimals **Module: Decimals** Unit: Multiplication and Division Session 1: Multiplying Decimals Session 2: Dividing Decimals by Whole Numbers		
3.4 Know and understand that fractions and decimals are two different representations of the same concept (e.g., 50 cents is _ of a dollar, 75 cents is _ of a dollar).			**Module: Decimals** Unit: Introduction Session 3: Ratios, Decimals, and Percents **Module: Decimals** Unit: Addition and Subtraction Session 1: Adding Decimals		

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Algebra and Functions

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
1.0 Students select appropriate symbols, operations, and properties to represent, describe, simplify, and solve simple number relationships: **SEE BELOW**					
1.1 Represent relationships of quantities in the form of mathematical expressions, equations, or inequalities.		**Module: Number Sense** Unit: Numbers to 999 Session 5: Comparing and Ordering **Module: Algebraic Thinking** Unit: Properties and Relationships Session 1: Number Patterns and Properties	**Module: Numbers and Number Sense** Unit: Large and Small Numbers Session 2: Ordering and Rounding Whole Numbers Session 3: Negative Whole Numbers		
1.2 Solve problems involving numeric equations or inequalities.		**Module: Algebraic Thinking** Unit: Properties and Relationships Session 1: Number Patterns and Properties			

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Algebra and Functions

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III		Mastering Algebra: Course 1
1.3 Select appropriate operational and relational symbols to make an expression true (e.g., if 4 __ 3 = 12, what operational symbol goes in the blank?).			**Module: Numbers and Number Sense** Unit: Large and Small Numbers Session 2: Ordering and Rounding Whole Numbers Session 3: Negative Whole Numbers		
1.4 Express simple unit conversions in symbolic form (e.g., __ inches = __ feet x 12).					
1.5 Recognize and use the commutative and associative properties of multiplication (e.g., if 5 x 7 = 35, then what is 7 x 5? And if 5 x 7 x 3 = 105, then what is 7 x 3 x 5?).			**Module: Operations with Numbers** Unit: Multiplication and Division of Whole Numbers Session 1: Two-digit Multipliers (Does not cover associative property.)		**Module: The Language of Algebra** Unit: Variables, Expressions and Equations Session 2: Applying Properties of Real Numbers

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Algebra and Functions

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III
2.0 Students represent simple functional relationships: **SEE BELOW**					
2.1 Solve simple problems involving a functional relationship between two quantities (e.g., find the total cost of multiple items given the cost per unit).					
2.2 Extend and recognize a linear pattern by its rules (e.g., the number of legs on a given number of horses may be calculated by counting by 4s or by multiplying the number of horses by 4).		**Module: Algebraic Thinking** Unit: Properties and Relationships Session 1: Number Patterns and Properties			

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Measurement and Geometry

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
1.0 Students choose and use appropriate units and measurement tools to quantify the properties of objects. **SEE BELOW**					
1.1 Choose the appropriate tools and units (metric and U.S.) and estimate and measure the length, liquid volume, and weight/mass of given objects.		**Module: Geometry and Measurement** Unit: Geometry Session 2: Volume			
1.2 Estimate or determine the area and volume of solid figures by covering them with squares or by counting the number of cubes that would fill them.		**Module: Geometry and Measurement** Unit: Geometry Session 1: Area Session 2: Volume			

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Measurement and Geometry

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
1.3 Find the perimeter of a polygon with integer sides.			**Module: Geometry** Unit: Measurement Session 2: Rectangles and Squares Session 3: Triangles		
1.4 Carry out simple unit conversions within a system of measurement (e.g., centimeters and meters, hours and minutes).		**Module: Geometry and Measurement** Unit: Measurement Session 1: Time			

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Measurement and Geometry

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
2.0 Students describe and compare the attributes of plane and solid geometric figures and use their understanding to show relationships and solve problems: **SEE BELOW**					
2.1 Identify, describe, and classify polygons (including pentagons, hexagons, and octagons).			**Module: Geometry** Unit: Measurement Session 2: Rectangles and Squares Session 3: Triangles Session 4: Parallelograms and Trapezoids		
2.2 Identify attributes of triangles (e.g., two equal sides for the isosceles triangle, three equal sides for the equilateral triangle, right angle for the right triangle).			**Module: Geometry** Unit: Measurement Session 3: Triangles		**Module: Fundamentals of Geometry** Unit: Triangles Session 1: Classifying Triangles by Sides

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Measurement and Geometry

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
2.3 Identify attributes of quadrilaterals (e.g., parallel sides for the parallelogram, right angles for the rectangle, equal sides and right angles for the square).			**Module: Geometry** Unit: Measurement Session 2: Rectangles and Squares Session 4: Parallelograms and Trapezoids		**Module: Fundamentals of Geometry** Unit: Geometry Fundamentals Session 1: Naming and Measuring Angles
2.4 Identify right angles in geometric figures or in appropriate objects and determine whether other angles are greater or less than a right angle.			**Module: Geometry** Unit: Measurement Session 1: Lines, Angles and Circles		**Module: Fundamentals of Geometry** Unit: Geometry Fundamentals Session 1: Naming and Measuring Angles Session 2: Defining Complementary and Supplementary Angles
2.5 Identify, describe, and classify common three-dimensional geometric objects (e.g., cube, rectangular solid, sphere, prism, pyramid, cone, cylinder).					
2.6 Identify common solid objects that are the components needed to make a more complex solid object.					

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Statistics, Data Analysis, and Probability

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
1.0 Students conduct simple probability experiments by determining the number of possible outcomes and make simple predictions: **SEE BELOW**					
1.1 Identify whether common events are certain, likely, unlikely, or improbable.			**Module: Data Analysis and Probability** Unit: Modeling and Displaying Events Session 2: Looking at Chance		
1.2 Record the possible outcomes for a simple event (e.g., tossing a coin) and systematically keep track of the outcomes when the event is repeated many times.			**Module: Data Analysis and Probability** Unit: Modeling and Displaying Events Session 2: Looking at Chance		

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Statistics, Data Analysis, and Probability

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
1.3 Summarize and display the results of probability experiments in a clear and organized way (e.g., use a bar graph or a line plot).			**Module: Data Analysis and Probability** Unit: Modeling and Displaying Events Session 2: Looking at Chance		
1.4 Use the results of probability experiments to predict future events (e.g., use a line plot to predict the temperature forecast for the next day).			**Module: Data Analysis and Probability** Unit: Modeling and Displaying Events Session 2: Looking at Chance		

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Mathematical Reasoning

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
1.0 Students make decisions about how to approach problems:	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**
1.1 Analyze problems by identifying relationships, distinguishing relevant from irrelevant information, sequencing and prioritizing information, and observing patterns.					
1.2 Determine when and how to break a problem into simpler parts.					

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Mathematical Reasoning

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
2.0 Students use strategies, skills, and concepts in finding solutions:	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**
2.1 Use estimation to verify the reasonableness of calculated results.					
2.2 Apply strategies and results from simpler problems to more complex problems.					

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Mathematical Reasoning

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
2.3 Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning.	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**
2.4 Express the solution clearly and logically by using the appropriate mathematical notation and terms and clear language, support solutions with evidence in both verbal and symbolic work.					
2.5 Indicate the relative advantages of exact and approximate solutions to problems and give answers to a specified degree of accuracy.					
2.6 Make precise calculations and check the validity of the results from the context of the problem.					

Alignment of Destination Math Courseware
with
California Mathematics Content Standards
GRADE 3

Mathematical Reasoning

	Mastering Skills & Concepts: Course I	Mastering Skills & Concepts: Course II	Mastering Skills & Concepts: Course III	Mastering Skills & Concepts: Course IV	Mastering Skills & Concepts: Course V
3.0 Students move beyond a particular problem by generalizing to other situations:	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**	**The concepts on this page are thoroughly integrated throughout this course.**
3.1 Evaluate the reasonableness of the solution in the context of the original situation.					
3.2 Note the method of deriving the solution and demonstrate a conceptual understanding of the derivation by solving similar problems.					
3.3 Develop generalizations of the results obtained and the strategies used and apply them in other circumstances.					