

**Virginia**  
**Curricular Standards**  
**Mathematics - Grade 3**  
**Correlations with Gourmet Curriculum Press, Inc.®**  
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<b>Benchmark Number</b>	<b>Benchmark</b> • <b>Instructional Targets</b>	<b>Gourmet Resource</b>	<b>Taught</b>	<b>Tested</b>
<b>Domain: Number and Number Sense</b>				
3.1	<ul style="list-style-type: none"> <li>The student will read and write six-digit numerals and identify the place value for each digit.</li> </ul>	Appetizers 1 B; Main Dish Objective 1 (Number Concepts) Lesson 2; Application 2; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.2	<ul style="list-style-type: none"> <li>The student will round a whole number, 999 or less, to the nearest ten and hundred.</li> </ul>	Appetizers 10; Main Dish Objective 10 (Estimation); Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.3	<ul style="list-style-type: none"> <li>The students will compare two whole numbers between 0 and 9,999, using symbols (&gt;, &lt;, or =) and words ("greater than," "less than," or "equal to").</li> </ul>	Appetizers 1 A; Main Dish Objective 1 (Number Concepts) Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics		
3.4	<ul style="list-style-type: none"> <li>The student will recognize and use the inverse relationships between addition/subtraction and multiplication/division to complete basic fact sentences. Students will use these relationships to solve problems such as <math>5 + 3 = 8</math> and <math>8 - 3 = ?</math>.</li> </ul>	Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.5	<ul style="list-style-type: none"> <li>The students will name and write the fractions represented by drawings or concrete materials and represent a given fraction, using concrete materials and symbols.</li> </ul>	Appetizers 1 D; Main Dish Objective 1 (Number Concepts) Lesson 4; Application 4; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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3.6	<ul style="list-style-type: none"> <li>The students will compare the numerical value of two fractions having like and unlike denominators, using concrete materials.</li> </ul>	Appetizers 1 D; Main Dish Objective 1 (Number Concepts) Lesson 4; Application 4; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.7	<ul style="list-style-type: none"> <li>The student will read and write decimals expressed as tenths and hundredths, using concrete materials.</li> </ul>	Appetizers 1 F; Main Dish Objective 1 (Number Concepts) Lesson 6; Application 6; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
<b>Domain: Computation and Estimation</b>				
3.8	<ul style="list-style-type: none"> <li>The students will solve problems involving the sum or difference of two whole numbers, each 9,999 or less, with or without regrouping, using various computational methods, including calculators, paper and pencil, mental computation, and estimations.</li> </ul>	Appetizers 6 A; 7 A; Main Dish Objective 6 (Addition) Lesson 1; 7 (Subtraction); Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.9	<ul style="list-style-type: none"> <li>The student will recall the multiplication and division facts through the nines table.</li> </ul>	Appetizers 8 A; Main Dish Objective 8 (Multiplication) Lesson 1; 7 (Subtraction); Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.10	<ul style="list-style-type: none"> <li>The student will create and solve problems that involve multiplication of two whole numbers, one factor 99 or less and the second factor 5 or less.</li> </ul>	Appetizers 11; 12; Main Dish Objective 11 (Solution Strategies); 12 (Mathematical Representation); Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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3.11	<ul style="list-style-type: none"> <li>The students will add and subtract with decimals expressed as tenths, using concrete materials and paper and pencil.</li> </ul>	Appetizers 6 B; 7 B; Main Dish Objective 6 (Addition); 7 (Subtraction) Lesson 2; Application 2; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.12	<ul style="list-style-type: none"> <li>The student will add and subtract with decimals expressed as tenths, using concrete materials and paper and pencil.</li> </ul>	Appetizers 6; 7 B; Main Dish Objective 6 (Addition); 7 (Subtraction) Lesson 2; Application 2; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.13	<ul style="list-style-type: none"> <li>The student will determine, by counting, the value of a collection of bills and coins up to \$5.00, compare the value of the coins or bills, and make change.</li> </ul>	Appetizers 6; 7 B; Main Dish Objective 6 (Addition); 7 (Subtraction) Lesson 2; Application 2; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
<b>Domain: Measurement</b>				
3.14	<ul style="list-style-type: none"> <li>The student will estimate and then use the actual measuring devices with metric and U.S. Customary units to measure               <ul style="list-style-type: none"> <li>* length-inches, feet, yards, centimeters, and meters;</li> <li>* liquid volume-cups, pints, quarts, gallons, and liters;</li> <li>* weight/mass-ounces, pounds, grams, and kilograms.</li> </ul> </li> </ul>	Appetizers 4 B, D, & E; Main Dish Objective 4 (Measurement) Lessons 2, 4, & 5; Applications 2, 4, & 5; Final Tests; Reasonableness Problems; Hands on Activity; Journal Topics; Doggie Bags CD-Rom		
3.15	<ul style="list-style-type: none"> <li>The student will tell time to the nearest five-minute interval and to the nearest minute, using analog and digital clocks.</li> </ul>	Appetizers 4 A; Main Dish Objective 4 (Measurement) Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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3.16	<ul style="list-style-type: none"> <li>The student will identify equivalent periods of time, including relationships among days, months, and years, as well as minutes and hours.</li> </ul>	Appetizers 4 A; Main Dish Objective 4 (Measurement) Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.17	<ul style="list-style-type: none"> <li>The student will read temperature, to the nearest degree, from a Celsius thermometer and a Fahrenheit thermometer. Real thermometers and physical models of thermometers will be used.</li> </ul>	Appetizers 4 C; Main Dish Objective 4 (Measurement) Lesson 3; Application 3; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
<b>Domain: Geometry</b>				
3.18	<ul style="list-style-type: none"> <li>The student will analyze plane and solid geometric figures (square, rectangle, triangle, cube, rectangular solid, and cylinder) and identify relevant properties, including the number of corners, square corners, the shape of faces, and edges.</li> </ul>	Appetizers 3 A; Main Dish Objective 3 (Geometry) Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.19	<ul style="list-style-type: none"> <li>The student will identify and draw representatives of line segments and angles, using a ruler or straightedge.</li> </ul>			
3.20	<ul style="list-style-type: none"> <li>The student, given appropriate drawings or models, will identify and describe congruent and symmetrical two-dimensional figures, using tracing procedures.</li> </ul>	Appetizers 3 A & B; Main Dish Objective 3 (Geometry) Lessons 1 & 2; Applications 1 & 2; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
<b>Domain: Probability and Statistics</b>				
3.21	<ul style="list-style-type: none"> <li>The student, given grid paper, will collect data on a given topic of his/her choice and construct a bar graph showing the results. A title and key will be included.</li> </ul>	Appetizers 5 A; Main Dish Objective 5 (Probability/Statistics) Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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3.21	<ul style="list-style-type: none"> <li>The student, given grid paper, will collect data on a given topic of his/her choice and construct a bar graph showing the results. A title and key will be included.</li> </ul>	Appetizers 5 A; Main Dish Objective 5 (Probability/Statistics) Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.22	<ul style="list-style-type: none"> <li>The student will read and interpret data represented in a bar and picture graphs.</li> </ul>	Appetizers 5 A; Main Dish Objective 5 (Probability/Statistics) Lesson 1; Application 1; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.23	<ul style="list-style-type: none"> <li>The student will investigate and describe the concept of probability as chance, and list possible results of a given situation.</li> </ul>	Appetizers 5; Main Dish Objective 5 (Probability/Statistics); Applications; Final Tests; Reasonableness Problems; Extension; Journal Topics; Doggie Bags CD-Rom		
<b>Domain: Patterns, Functions, and Algebra</b>				
3.24	<ul style="list-style-type: none"> <li>The student will recognize and describe patterns formed using concrete objects, tables, and pictures and extend the pattern.</li> </ul>	Appetizers 2 A, B, & D; Main Dish Objective 2 (Mathematical Relations) Lessons 1, 2, & 4; Applications 1, 2, & 4; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
3.25	<ul style="list-style-type: none"> <li>The student will analyze a given pattern formed using concrete objects and pictures and then create a pattern with the same attributes.</li> </ul>	Appetizers 2 B; Main Dish Objective 2 (Mathematical Relations) Lesson 2; Application 2; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		