

New Mexico
Curricular Standards
Mathematics - Grade 5
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<i>Benchmark Number</i>	<i>Benchmark</i> • <i>Instructional Targets</i>	<i>Gourmet Resource</i>	<i>Taught</i>	<i>Tested</i>
NUMBER AND OPERATIONS				
Content Standard	Students will understand numerical concepts and mathematical operations.			
Grade 5 Benchmark	Understand numbers, ways of representing numbers, relationships among numbers, and number systems.			
1	<ul style="list-style-type: none"> • <i>Compare and order using concrete or illustrated models:</i> <ul style="list-style-type: none"> - <i>whole numbers (to millions)</i> - <i>common fractions (halves, thirds, fourths, eighths)</i> - <i>decimals (thousandths)</i> 	Appetizers 1 A; Main Dish Objective 1 (Number Concepts) Lesson 1 Appetizers 1 C; Main Dish Objective 1 (Number Concepts) Lesson 3 Appetizers 1 B; Main Dish Objective 1 (Number Concepts) Lesson 2 Applications; Final Test; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> • <i>Demonstrate understanding of the magnitude of the value of numbers from thousandths to millions, including common fractions.</i> 			
3	<ul style="list-style-type: none"> • <i>Represent place value using concrete or illustrated models up to one billion (1,000,000,000).</i> 	Appetizers 1 A; Main Dish Objective 1 (Number Concepts) Lesson 1; Application; Final Test; Reasonableness Problems; Journal Topics		
4	<ul style="list-style-type: none"> • <i>Interpret percents as part of a hundred (i.e., find decimal and percent equivalents for common fractions, explain how they represent the same value, and compute a given percent of a whole number).</i> 	Appetizers 1 B; Main Dish Objective 1 (Number Concepts) Lesson 2; Application; Final Test; Reasonableness Problems; Journal Topics		

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5	<ul style="list-style-type: none"> Identify and represent on a number line decimals, fractions, and mixed numbers. 	Appetizers 2 C; Main Dish Objective 2 (Mathematical Relations) Lesson 3; Application; Final Test; Reasonableness Problems; Journal Topics		
6	<ul style="list-style-type: none"> Identify prime and composite numbers to 50. 	Appetizers 1 F; Main Dish Objective 1 (Number Concepts) Lesson 6; Application; Final Test; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Understand the meaning of operations and how they relate to one another.			
1	<ul style="list-style-type: none"> Explain and perform whole number division and express remainders as a whole number or a fractional part as appropriate to the context of real-life problems. 	Appetizers 9 A; 11 A; Main Dish Objectives 9 (Division) Lesson 1; 11 (Problem Solving) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Add and subtract decimals. 	Appetizers 6 C; 7 B; 11 A; Main Dish Objectives 6 (Addition) Lesson 3; 7 (Subtraction) Lesson 2; 11 (Problem Solving) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Add and subtract fractions and mixed numbers without regrouping and express answers in simplest form. 	Appetizers 6 A; 7 C; Main Dish Objectives 6 (Addition) Lesson 1; 7 (Subtraction) Lesson 3; Applications; Final Tests; Reasonableness Problems; Journal Topics		
4	<ul style="list-style-type: none"> Find the factors and multiples of whole numbers. 	Appetizers 1 F; Main Dish Objective 1 (Number Concepts) Lesson 6; Application; Final Test; Reasonableness Problems; Journal Topics		

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5	<ul style="list-style-type: none"> Use arithmetic operations and inverse relationships to represent and solve real-world problems. 	Appetizers 2 A; 12 A; Main Dish Objectives 2 (Mathematical Relations) Lesson 1; 12 (Mathematical Representation) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		
6	<ul style="list-style-type: none"> Identify and represent on a number line decimals, fractions, and mixed numbers. 	Appetizers 2 C; Main Dish Objective 2 (Mathematical Relations) Lesson 3; Application; Final Test; Reasonableness Problems; Journal Topics		
7	<ul style="list-style-type: none"> Demonstrate proficiency with division, including one- and two-digit divisors. 	Appetizers 9 A; 11 A; Main Dish Objectives 9 (Division) Lesson 1; 11 (Problem Solving) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		
8	<ul style="list-style-type: none"> Solve simple problems involving the addition and subtraction of fractions and mixed numbers. 	Appetizers 6 F & G; Main Dish Objective 6 (Addition) Lessons 6 & 7; Applications; Final Test; Reasonableness Problems; Journal Topics		
9	<ul style="list-style-type: none"> Represent and use fractions and decimals in equivalent forms. 	Appetizers 2 D; Main Dish Objective 2 (Mathematical Relations) Lesson 4; Application; Final Test; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Compute fluently and make reasonable estimates.			
1	<ul style="list-style-type: none"> Add, subtract, multiply, and divide whole numbers. 	Appetizers 6 A; 7 A & B; 8 A & B; 9 A; 11 A; Main Dish Objectives 6 (Addition) Lesson 1; 7 (Subtraction) Lessons 1 & 2; 8 (Multiplication) Lessons 1 & 2; 9 (Division) Lesson 1; 11 (Problem Solving) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		

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2	<ul style="list-style-type: none"> • <i>Add and subtract decimals.</i> 	Appetizers 6 B & C; 7 B; 11 A; Main Dish Objectives 6 (Addition) Lessons 2 & 3; 7 (Subtraction) Lesson 2; 11 (Problem Solving) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> • <i>Use estimations strategies to verify the reasonableness of calculated results.</i> 	Appetizers 1 E; 8 C; 10 A, B, C, D, E, F, & G; Main Dish Objectives 1 (Number Concepts) Lesson 5; 8 (Multiplication) Lesson 3; 10 (Estimation) Lessons 1, 2, 3, 4, 5, 6, & 7; Applications; Final Tests; Reasonableness Problems; Journal Topics		
4	<ul style="list-style-type: none"> • <i>Explain how the estimation strategy impacts the result.</i> 	Appetizers 10 A, B, C, D, E, F, & G; Main Dish Objective 10 (Estimation) Lessons 1, 2, 3, 4, 5, 6, & 7; Applications; Final Test; Reasonableness Problems; Journal Topics		
5	<ul style="list-style-type: none"> • <i>Relate the basic arithmetic operations to one another (e.g., multiplication and division are inverse operations).</i> 	Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Application; Final Test; Reasonableness Problems; Journal Topics		
6	<ul style="list-style-type: none"> • <i>Simplify numerical expressions using order of operations.</i> 	Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Application; Final Test; Reasonableness Problems; Journal Topics		
7	<ul style="list-style-type: none"> • <i>Recognize and explain the differences between exact and approximate values.</i> 	Appetizers 1 E; 10 A & B; Main Dish Objectives 1 (Number Concepts) Lesson 5; 10 (Estimation) Lessons 1 & 2 Applications; Final Tests; Reasonableness Problems; Journal Topics		

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	ALGEBRA			
Content Standard	Students will understand algebraic concepts and applications.			
Grade 5 Benchmark	Understand patterns, relations, and functions.			
1	<ul style="list-style-type: none"> Identify and graph ordered pairs in the first quadrant of the coordinate plane. 	Appetizers 2 D; Main Dish Objective 2 (Mathematical Relations) Lesson 4; Application; Final Test; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Describe, represent, and analyze patterns and relationships. 	Appetizers 2 B; Main Dish Objective 2 (Mathematical Relations) Lesson 2; Application; Final Test; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Identify, describe, and continue patterns presented in a variety of formats (e.g., numeric, visual, oral, written, kinesthetic, pictorial). 	Appetizers 2 B; Main Dish Objective 2 (Mathematical Relations) Lesson 2; Application; Final Test; Reasonableness Problems; Journal Topics		
4	<ul style="list-style-type: none"> Generate a pattern using a written description. 	Appetizers 2 B; Main Dish Objective 2 (Mathematical Relations) Lesson 2; Application; Final Test; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Represent and analyze mathematical situations and structures using algebraic symbols.			
1	<ul style="list-style-type: none"> Compute the value of the expression for specific numerical values of the variable. 	Appetizers 2 A; 12 A; Main Dish Objectives 2 (Mathematical Relations) Lesson 1; 12 (Mathematical Representation) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		

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2	<ul style="list-style-type: none"> Use a letter to represent an unknown number. 	Appetizers 2 A; 12 A; Main Dish Objectives 2 (Mathematical Relations) Lesson 1; 12 (Mathematical Representation) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Understand the differences between the symbols for “less than”, “less than or equal to”, “greater than”, and “greater than or equal to”. 	Appetizers 1 A, B, C, & D; Main Dish Objective 1 (Number Concepts) Lessons 1, 2, 3, & 4; Applications; Final Test; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Use mathematical models to represent and understand quantitative relationships.			
1	<ul style="list-style-type: none"> Use mathematical models to represent and explain mathematical concepts and procedures. 	Appetizers 2 A, B, C, & D; 12 A; Main Dish Objectives 2 (Mathematical Relations) Lessons 1, 2, 3, & 4; 12 (Mathematical Representation) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		

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2	<ul style="list-style-type: none"> • <i>Understand and use mathematical models such as:</i> <ul style="list-style-type: none"> - <i>the number line to model the relationship between rational numbers and rational number operations</i> - <i>pictorial representation of addition and subtraction of rational numbers with regrouping</i> - <i>manipulatives or pictures to model computational procedures</i> - <i>graphs, tables, and charts to describe data</i> - <i>diagrams or pictures to model problem situations</i> 	<p>Appetizers 2 C; Main Dish Objective 2 (Mathematical Relations) Lesson 3</p> <p>Appetizers 6 A; 7 A; Main Dish Objectives 6 (Addition) Lesson 1; 7 (Subtraction) Lesson 1</p> <p>Appetizers 6 A, B, C, D, E, F, & G; 7 A, B, & C; 8 A, B, C, D, & E; 9 A; Main Dish Objectives 6 (Addition) Lessons 1, 2, 3, 4, 5, 6, & 7; 7 (Subtraction) Lessons 1, 2, & 3; 8 (Multiplication) Lessons 1, 2, 3, 4, & 5; 9 (Division) Lesson 1</p> <p>Appetizers 2 D; 5 B; 12 B; Main Dish Objectives 2 (Mathematical Relations) Lesson 4; 5 (Probability/Statistics) Lesson 2; 12 (Mathematical Representation) Lesson 2</p> <p>Appetizers 11 A, B, C, & D; 12 A & B; 13 A & B; Most Main Dish Objectives; 11 (Problem Solving) Lessons 1, 2, 3, & 4; 12 (Mathematical Representation) Lessons 1 & 2; 13 (Reasonableness) Lessons 1 & 2</p> <p>Applications; Final Tests; Reasonableness Problems; Journal Topics</p>		

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3	<ul style="list-style-type: none"> Demonstrate how a situation can be represented in more than one way. 			
Grade 5 Benchmark	Analyze changes in various contexts.			
1	<ul style="list-style-type: none"> Recognize and create patterns of change from everyday life using numerical or pictorial representations. 	Appetizers 2 B; Main Dish Objective 2 (Mathematical Relations) Lesson 2; Application; Final Test; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Generalize patterns of change and recognize the same general patterns presented in different representations. 	Appetizers 2 B; 12 A; Main Dish Objectives 2 (Mathematical Relations) Lesson 2; 12 (Mathematical Representation) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics		
GEOMETRY				
Content Standard	Students will understand geometric concepts and applications.			
Grade 5 Benchmark	Analyze characteristics and properties of two- and three-dimensional geometric shapes and develop mathematical arguments about geometric relationships.			
1	<ul style="list-style-type: none"> Identify, describe, and classify two-dimensional shapes and three-dimensional figures by their properties. 	Appetizers 3 A & B; Main Dish Objective 3 (Geometry) Lessons 1 & 2; Applications; Final Test; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Recognize and describe properties of regular polygons having up to ten sides. 	Appetizers 3 B; Main Dish Objective 3 (Geometry) Lesson 2; Application; Final Test; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Identify faces, edges, and bases on three-dimensional objects. 	Appetizers 3 A & B; Main Dish Objective 3 (Geometry) Lessons 1 & 2; Applications; Final Test; Reasonableness Problems; Journal Topics		

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Grade 5 Benchmark	Specify locations and describe spatial relationships using coordinate geometry and other representational systems.			
1	<ul style="list-style-type: none"> Recognize perpendicular and parallel lines. 	Appetizers 3 A; Main Dish Objective 3 (Geometry) Lesson 1; Application; Final Test; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Apply transformations and use symmetry to analyze mathematical situations.			
1	<ul style="list-style-type: none"> Identify line of symmetry in simple geometric figures. 	Appetizers 3 D; Main Dish Objective 3 (Geometry) Lesson 4; Application; Final Test; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Use visualization, spatial reasoning, and geometric modeling to solve problems.			
1	<ul style="list-style-type: none"> Understand and compute the perimeter of regular polygons. 	Appetizers 4 D; Main Dish Objective 4 (Measurement) Lesson 4; Application; Final Test; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Identify and explain circumference, radius, and diameter. 	Appetizers 4 F; Main Dish Objective 4 (Measurement) Lesson 6; Application; Final Test; Reasonableness Problems; Journal Topics		
MEASUREMENT				
Content Standard	Students will understand measurement systems and applications.			
Grade 5 Benchmark	Understand measurable attributes of objects and the units, systems, and process of measurement.			
1	<ul style="list-style-type: none"> Understand properties (e.g., length, area, weight, volume) and select the appropriate type of unit for measuring each using both U.S. customary and metric systems. 	Appetizers 4 A, B, & C; Main Dish Objective 4 (Measurement) Lessons 1, 2, & 3; Applications; Final Test; Reasonableness Problems; Journal Topics		

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2	<ul style="list-style-type: none"> Select and use appropriate units and tools to measure according to the degree of accuracy required in a particular problem-solving situation. 	Appetizers 4 A, B, C, D, E, & F; 11 B; Main Dish Objectives 4 (Measurement) Lessons 1, 2, 3, 4, 5, & 6; 11 (Problem Solving) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Solve problems involving linear measurement, weight, and capacity (e.g., measuring to the nearest sixteenth of an inch or nearest millimeter; using ounces, milliliters, or pounds and kilograms) to the appropriate degree of accuracy. 	Appetizers 4 A, B, & C; 11 B; Main Dish Objectives 4 (Measurement) Lessons 1, 2, & 3; 11 (Problem Solving) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		
4	<ul style="list-style-type: none"> Perform one-step conversions within a system of measurement (e.g., inches to feet, centimeters to meters). 	Appetizers 4 A; Main Dish Objective 4 (Measurement) Lesson 1; Application; Final Test; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Apply appropriate techniques, tools, and formulas to determine measurements.			
1	<ul style="list-style-type: none"> Solve measurement problems using appropriate tools involving length, perimeter, weight, capacity, time, and temperature. 	Appetizers 4 A, B, C, D, E, & F; Main Dish Objective 4 (Measurement) Lessons 1, 2, 3, 4, 5, & 6; Applications; Final Test; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Select and use strategies to estimate measurements including length, distance, capacity, and time. 	Appetizers 4 A, B, C, D, E, & F; Main Dish Objective 4 (Measurement) Lessons 1, 2, 3, 4, 5, & 6; Applications; Final Test; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Apply strategies and use tools for estimating and measuring the perimeter of regular and irregular shapes. 	Appetizers 4 D; 11 B; Main Dish Objectives 4 (Measurement) Lesson 4; 11 (Problem Solving) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		

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DATA ANALYSIS AND PROBABILITY				
Content Standard	Students will understand how to formulate questions, analyze data, and determine probabilities.			
Grade 5 Benchmark	Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.			
1	<ul style="list-style-type: none"> Construct, read, analyze, and interpret tables, charts, graphs, and data plots. 	Appetizers 5 B; 12 B; Main Dish Objectives 5 (Probability/Statistics) Lesson 2; 12 (Mathematical Representation) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Construct, interpret, and analyze data from graphical representations and draw simple conclusions using bar graphs, line graphs, circle graphs, frequency tables, and Venn diagrams. 	Appetizers 5 B; 12 B; Main Dish Objectives 5 (Probability/Statistics) Lesson 2; 12 (Mathematical Representation) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Display, analyze, compare, and interpret different data sets, including data sets of different sizes. 	Appetizers 5 B; Main Dish Objective 5 (Probability/Statistics) Lesson 2; Application; Final Test; Reasonableness Problems; Journal Topics		
4	<ul style="list-style-type: none"> Organize and display single-variable data in appropriate graphs and representations. 	Appetizers 5 B; 12 B; Main Dish Objectives 5 (Probability/Statistics) Lesson 2; 12 (Mathematical Representation) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		

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5	<ul style="list-style-type: none"> Organize, read, and display numerical (quantitative) and non-numerical (qualitative) data in a clear, organized, and accurate manner including correct titles, labels, and intervals or categories including: <ul style="list-style-type: none"> - frequency tables - stem and leaf plots - bar, line, and circle graphs - Venn diagrams - pictorial displays - charts and tables 	Appetizers 5 B; 12 B; Main Dish Objectives 5 (Probability/Statistics) Lesson 2; 12 (Mathematical Representation) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		
6	<ul style="list-style-type: none"> Formulate questions and identify data to be collected to correctly answer a question. 	Appetizers 5 B; 12 B; Main Dish Objectives 5 (Probability/Statistics) Lesson 2; 12 (Mathematical Representation) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Select and use appropriate statistical methods to analyze data.			
1	<ul style="list-style-type: none"> Organize and display single-variable data in appropriate graphs and representations and determine which types of graphs are appropriate for various data sets. 	Appetizers 5 B; 12 B; Main Dish Objectives 5 (Probability/Statistics) Lesson 2; 12 (Mathematical Representation) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Use fractions and percentages to compare data sets of different sizes. 	Appetizers 5 D; Main Dish Objective 5 (Probability/Statistics) Lesson 4; Application; Final Test; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Correctly rank the values of a numerical data set containing simple fractions and decimals, identify maximum and minimum data values, and calculate the range for a data set. 	Appetizers 5 D; Main Dish Objective 5 (Probability/Statistics) Lesson 4; Application; Final Test; Reasonableness Problems; Journal Topics		

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Grade 5 Benchmark	Develop and evaluate inferences and predictions that are based on data.			
1	<ul style="list-style-type: none"> • <i>Make and justify valid inferences, predictions, and arguments based on statistical analysis.</i> 	Appetizers 5 A, B, C, & D; 11 D; Main Dish Objectives 5 (Probability/Statistics) Lessons 1, 2, 3, & 4; 11 (Problem Solving) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> • <i>Compare a given prediction with the results of an investigation.</i> 	Appetizers 5 A & C; 11 D; Main Dish Objectives 5 (Probability/Statistics) Lessons 1 & 3; 11 (Problem Solving) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> • <i>Use counting strategies to determine all the possible outcomes of a particular familiar event.</i> 	Appetizers 5 C; Main Dish Objective 5 (Probability/Statistics) Lesson 3; Application; Final Test; Reasonableness Problems; Journal Topics		
4	<ul style="list-style-type: none"> • <i>Find all possible outcome sets involving four or more sets of objects.</i> 	Appetizers 5 A; 11 D; Main Dish Objectives 5 (Probability/Statistics) Lesson 1; 11 (Problem Solving) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics		
5	<ul style="list-style-type: none"> • <i>Evaluate the reasonableness of inferences that are based on data in the context of the original solution.</i> 	All Appetizers; Main Dish Objectives 5 (Probability/Statistics) Lessons 1 & 3; 11 (Problem Solving) Lesson 4; 13 (Reasonableness) Lessons 1 & 2; Applications; Final Tests; Reasonableness Problems; Journal Topics		

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6	<ul style="list-style-type: none"> Identify the method used to make an inference and/or a prediction on a given data set and solve similar problems. 	Appetizers 5 A, B, C, & D; 11 D; Main Dish Objectives 5 (Probability/Statistics) Lessons 1, 2, 3, & 4; 11 (Problem Solving) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics		
7	<ul style="list-style-type: none"> Determine the accuracy of a prediction or an inference based on the accuracy of the data in a given data set. 	Appetizers 5 A, B, C, & D; 11 D; Main Dish Objectives 5 (Probability/Statistics) Lessons 1, 2, 3, & 4; 11 (Problem Solving) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics		
8	<ul style="list-style-type: none"> List all possible outcomes of simple events. 	Appetizers 5 A; Main Dish Objective 5 (Probability/Statistics) Lesson 1; Application; Final Test; Reasonableness Problems; Journal Topics		
Grade 5 Benchmark	Understand and apply basic concepts of probability.			
1	<ul style="list-style-type: none"> Determine probabilities through experiments and/or simulations and compare the results with mathematical expressions. 	Appetizers 5 A; 11 D; Main Dish Objectives 5 (Probability/Statistics) Lesson 1; 11 (Problem Solving) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics		
2	<ul style="list-style-type: none"> Make predictions from the results of student-generated experiments of single events. 	Appetizers 5 A; Main Dish Objective 5 (Probability/Statistics) Lesson 1; Application; Final Test; Reasonableness Problems; Journal Topics		
3	<ul style="list-style-type: none"> Identify simple experiments where the probabilities of all outcomes are equal. 	Appetizers 5 A; Main Dish Objective 5 (Probability/Statistics) Lesson 1; Application; Final Test; Reasonableness Problems; Journal Topics		

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4	<ul style="list-style-type: none"> Describe and predict the results of a probability experiment. 	Appetizers 5 A & C; 11 D; Main Dish Objectives 5 (Probability/Statistics) Lessons 1 & 3; 11 (Problem Solving) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics		
5	<ul style="list-style-type: none"> Use fractions to describe the results of an experiment. 	Appetizers 5 D; Main Dish Objective 5 (Probability/Statistics) Lesson 4; Application; Final Test; Reasonableness Problems; Journal Topics		
6	<ul style="list-style-type: none"> Use probability to generalize from a simple pattern or set of examples and justify why the generalization is reasonable. 	Appetizers 5 A, C, & D; 11 D; Main Dish Objectives 5 (Probability/Statistics) Lessons 1, 3, & 4; 11 (Problem Solving) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics		