

**Mississippi
Curricular Standards
Mathematics - Grade 3
Correlations with Gourmet Curriculum Press, Inc.®
1.800.900.2290**

Benchmark Number	Benchmark • Instructional Target	Gourmet Resource	Taught	Tested
1	Explore, model, and create patterns. (P, G, N)			
a	<ul style="list-style-type: none"> Recognize, describe, and extend patterns (e.g., colors, shapes, numbers, letters). 	Appetizers 2 B & D; Main Dish Objective 2 (Mathematical Relations) Lessons 2 & 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	<ul style="list-style-type: none"> Create patterns using manipulatives. 	Appetizers 2 B & D; Main Dish Objective 2 (Mathematical Relations) Lessons 2 & 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
c	<ul style="list-style-type: none"> Demonstrate and explain the relationship between numeration and patterns. 			
2	Identify and classify geometric figures and concepts. (P, M, G, N)			
a	<ul style="list-style-type: none"> Identify polygons with three, four, five, six, eight, and ten sides. 	Appetizers 3 A; Main Dish Objective 3 (Geometry) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	<ul style="list-style-type: none"> Identify and distinguish between parallel, intersecting, and perpendicular lines. 			
c	<ul style="list-style-type: none"> Identify right angles and compare them to acute and obtuse angles. 			

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d	<ul style="list-style-type: none"> Establish three-dimensional relationships (e.g., circle/sphere, square/cube, triangle/pyramid, and rectangle/rectangular prism). 	Appetizers 3 A; Main Dish Objective 3 (Geometry) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
e	<ul style="list-style-type: none"> Explore geometric concepts through appropriate technology and resources. 	Doggie Bags CD-Rom		
3	Develop the process of measurement and related concepts. (P, D, M, G, N)			
a	<ul style="list-style-type: none"> Identify and compare differences between length, weight/mass, and capacity/volume using English and metric measures. 	Appetizers 4 B & D; Main Dish Objective 4 (Measurement) Lessons 2 & 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	<ul style="list-style-type: none"> Choose appropriate units of measurement for length, weight/mass, and capacity/volume. 	Appetizers 4 B & D; Main Dish Objective 4 (Measurement) Lessons 2 & 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
c	<ul style="list-style-type: none"> Convert between pints, quarts, and gallons. 			
d	<ul style="list-style-type: none"> Convert miles to feet and yards. 			
e	<ul style="list-style-type: none"> Compare metric measurements to English measurements. 			

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f	<ul style="list-style-type: none"> Using various types of instruments, measure: <ul style="list-style-type: none"> length in millimeters, meters, kilometers; weight in grams and kilograms; capacity in milliliters and liters; time to nearest minute; and temperature in Celsius and Fahrenheit. 	Appetizers 4 A, B, C, & D; Main Dish Objective 4 (Measurement) Lessons 1, 2, 3, & 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
g	<ul style="list-style-type: none"> Use manipulatives and gridded regions to determine area of shapes. 	Appetizers 4 F; Main Dish Objective 4 (Measurement) Lesson 6; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
4	Collect, organize, interpret data, and explore the concepts of probability. (P, D, M, G, N)			
a	<ul style="list-style-type: none"> Compare and interpret quantities represented on different types of graphs (line, bar, circle), and make predictions based on the information collected. 	Appetizers 5 A; 12 C; Main Dish Objectives 5 (Probability/Statistics) Lesson 1; 12 (Mathematical Representation) Lesson 3; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	<ul style="list-style-type: none"> Compare data represented on charts and tables. 	Appetizers 5 A; 12 C; Main Dish Objectives 5 (Probability/Statistics) Lesson 1; 12 (Mathematical Representation) Lesson 3; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
c	<ul style="list-style-type: none"> Use appropriate technology and manipulatives to collect, organize, and display data. 	Appetizers 5 A; 12 C; Main Dish Objectives 5 (Probability/Statistics) Lesson 1; 12 (Mathematical Representation) Lesson 3; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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d	• <i>Explore, predict, and model the number of different combinations of two or more objects.</i>	Appetizers 5 B; Main Dish Objective 5 (Probability/Statistics) Lesson 2; Extension Activity; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
e	• <i>Experiment and describe the concepts of probability.</i>	Appetizers 5 B; Main Dish Objective 5 (Probability/Statistics) Lesson 2; Extension Activity; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
5	Use estimation and mental math to obtain solutions to computational and measurement problems using a variety of techniques. (P, D, M, G, N)			
a	• <i>Estimate solutions to problems using basic operations.</i>	Appetizers 10 A, B, C, & D; Main Dish Objective 10 (Estimation) Lessons 1, 2, 3, & 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	• <i>Estimate sums and differences in money problems up to \$100.00.</i>	Appetizers 7 B; Main Dish Objective 7 (Subtraction) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
c	• <i>Estimate elapsed time.</i>	Appetizers 4 A; Main Dish Objective 4 (Measurement) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
d	• <i>Estimate measures of length, weight/mass, and capacity/volume.</i>	Appetizers 10 A; Main Dish Objective 10 (Estimation) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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e	• <i>Use mental math to solve problems.</i>	"I Have, Who Has?" Activities		
6	Identify number values and relationships of five-digit numbers. (P, D, M, G, N)			
a	• <i>Read, model, and count to five-digit whole numbers.</i>	Appetizers 1 E; Main Dish Objective 1 (Number Concepts) Lesson 5; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	• <i>Read and write number words for up to five-digit numbers.</i>	Appetizers 1 E; Main Dish Objective 1 (Number Concepts) Lesson 5; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
c	• <i>Recognize place value to the ten thousandths place.</i>	Appetizers 1 B; Main Dish Objective 1 (Number Concepts) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
d	• <i>Identify the value of a given digit in a five-digit number.</i>	Appetizers 1 B; Main Dish Objective 1 (Number Concepts) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
e	• <i>Compare and order five-digit numbers using $<$, $>$, and $=$.</i>	Appetizers 1 A; Main Dish Objective 1 (Number Concepts) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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f	• <i>Express numbers in expanded notation.</i>	Appetizers 1 B; Main Dish Objective 1 (Number Concepts) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
g	• <i>Regroup hundreds, thousands, and ten thousands.</i>	Appetizers 6 C & D; 7 A; Main Dish Objectives 6 (Addition) Lessons 3 & 4; 7 (Subtraction) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
h	• <i>Identify points on a number line.</i>	Appetizers 2 C; Main Dish Objective 2 (Mathematical Relations) Lesson 3; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
i	• <i>Round numbers to the nearest 1,000.</i>	Appetizers 10 B & D; Main Dish Objective 10 (Estimation) Lessons 2 & 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
j	• <i>Recognize, draw, model, and order fractions with fourths, fifths, sixths, and eighths.</i>	Appetizers 1 D; Main Dish Objective 1 (Number Concepts) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
k	• <i>Recognize, draw, and model equivalent fractions.</i>	Appetizers 1 D; Main Dish Objective 1 (Number Concepts) Lesson 4; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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1	• <i>Read and write Roman numerals 1 to 100.</i>			
m	• <i>Use appropriate multimedia resources and manipulatives to explore number values and relationships.</i>			
7	Model, identify, and apply the four basic operations. (P, D, M, G, N)			
a	• <i>Choose appropriate operational signs to complete number sentences.</i>	Appetizers 11 A; 12 A & B; Main Dish Objectives 11 (Problem Solving) Lesson 1; 12 (Mathematical Representation) Lessons 1 & 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	• <i>Add and subtract five-digit numbers with and without regrouping.</i>	Appetizers 6 C & D; 7 A; 11 A; 12 A; Main Dish Objectives 6 (Addition) Lessons 3 & 4; 7 (Subtraction) Lesson 1; 11 (Problem Solving) Lesson 1; 12 (Mathematical Representation) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
c	• <i>Add up to three four-digit addends.</i>	Appetizers 6 C; Main Dish Objective 6 (Addition) Lesson 3; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
d	• <i>Recall multiplication facts 0 to 5.</i>	Appetizers 8 A; Main Dish Objective 8 (Multiplication) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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e	• <i>Model, explore, and state multiplication facts 6 to 12, and division facts 1 to 12.</i>	Appetizers 8 A; 9 A; Main Dish Objectives 8 (Multiplication) Lesson 1; 9 (Division) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
f	• <i>Multiply up to three-digit by one-digit multipliers with and without regrouping.</i>			
g	• <i>Divide three-digit numbers by one-digit divisors.</i>	Appetizers 9 B; Main Dish Objective 9 (Division) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
h	• <i>Add and subtract fractions with like denominators.</i>			
i	• <i>Model, explore, and recognize decimals to tenths.</i>	Appetizers 1 G; Main Dish Objective 1 (Number Concepts) Lesson 7; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
j	• <i>Add and subtract numbers with decimals to tenths.</i>	Appetizers 7 B; Main Dish Objective 7 (Subtraction) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
k	• <i>Add amounts of money up to \$999.99 represented with decimal notation.</i>	Doggie Bags CD-Rom		
l	• <i>Subtract amounts of money from \$100.00 or less.</i>	Appetizers 7 B; Main Dish Objective 7 (Subtraction) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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m	<ul style="list-style-type: none"> Count change from \$5.00 or less. 	Appetizers 1 F; 7 B; Main Dish Objectives 1 (Number Concepts) Lesson 6; 7 (Subtraction) Lesson 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
n	<ul style="list-style-type: none"> Use a variety of multimedia and technology resources to solve problems involving basic operations. 			
8	Use variables and open sentences involving the four basic operations. (P, D, M)			
a	<ul style="list-style-type: none"> Determine the value of variables to complete number sentences. 	Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	<ul style="list-style-type: none"> Construct fact families for the basic operations. 	Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
c	<ul style="list-style-type: none"> Model, identify, and explain the properties of basic operations using appropriate manipulatives: <ul style="list-style-type: none"> zero property of addition, subtraction, multiplication, and division; inverse operations of addition, subtraction, multiplication, and division; commutative and associative properties of addition and multiplication; and identify property of addition and multiplication. 	Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		

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9	Apply appropriate strategies to solve word problems. (P, D, M, N)			
a	<ul style="list-style-type: none"> Solve one and two-step word problems using the four basic operations. 	Appetizers 11 A & D; 12 A & B; Main Dish Objectives 11 (Problem Solving) Lessons 1 & 4; 12 (Mathematical Representation) Lessons 1 & 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
b	<ul style="list-style-type: none"> Solve word problems using time, money, and measurements. 	Appetizers 11 A & D; 12 A & B; Main Dish Objectives 11 (Problem Solving) Lessons 1 & 4; 12 (Mathematical Representation) Lessons 1 & 2; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
c	<ul style="list-style-type: none"> Analyze word problems and determine if the given information is required for the solution. 	Appetizers 11 B & C; Main Dish Objective 11 (Problem Solving) Lessons 2 & 3; Applications; Final Tests; Reasonableness Problems; Journal Topics; Doggie Bags CD-Rom		
d	<ul style="list-style-type: none"> Create and write word problems using one or more of the basic operations. 			
e	<ul style="list-style-type: none"> Use multimedia resources to investigate and solve word problems. 	Doggie Bags CD-Rom		

Patterns/Algebraic Thinking (P)
 Data Analysis/Prediction (D)
 Measurement (M)
 Geometric Concepts (G)
 Number Sense (N)