

Grade Two
Gourmet Curriculum Press, Inc.©
Correlations with Ohio
Instructional Math Goals and Objectives

Strand One

The student will be able to . . .

1. identify and extend patterns of objects and symbols. **Appetizers, Main Dishes, Objective 2 D Missing Elements, Final Test, Reasonableness Problems, Journal Topics**
2. recognize patterns in numbers and number combinations. **Appetizers, Main Dishes, Objectives 1 C Odds/Evens, 2 D Missing Elements, 2 E Paired Numbers, 2 F Patterns, Final Test, Reasonableness Problems, Journal Topics**
3. use patterns to make generalizations and predictions by
 - a. determine the rule and identifying missing numbers in a sequence of numbers; **Appetizers, Main Dishes, Objectives 1 C Odds/Evens, 2 D Missing Elements, Final Test, Reasonableness Problems, Journal Topics**
 - b. determining the rule and identifying missing numbers in a table of number pairs; and **Appetizers, Main Dishes, Objective 2 E Paired Numbers, Final Test, Reasonableness Problems, Journal Topics**
 - c. identifying missing elements in a pattern and justifying their inclusion. **Appetizers, Main Dishes, Objectives 2 E Paired Numbers, 2 F Patterns, Final Test, Reasonableness Problems, Journal Topics**

Strand Two

The student will be able to . . .

1. identify needed information to solve a problem. **Appetizers, Main Dishes, Objective 11 A Solve Problems, Final Test, Reasonableness Problems, Journal Topics**
2. select appropriate notation and methods for symbolizing the problem statement and the solution process. **Appetizers, Main Dishes, Objective 12 A Solution Sentences, Final Test, Reasonableness Problems, Journal Topics**
3. look for patterns of numbers to predict a solution. **Appetizers, Main Dishes, Objectives 1 C Odds/Evens, 2 D Missing Elements, Final Test, Reasonableness Problems, Journal Topics**

4. role play to find the solution to a problem. **Appetizers, Main Dishes, Objectives 8 A Multiply, 9 A Divide, 10 B Real-World Estimation, 12 B Recognize Models, Final Test, Reasonableness Problems, Journal Topics**
5. make pictographs and bar graphs to sort information. **Appetizers, Main Dishes, Objectives 5 A Picture/Bar Graphs, 5 B Conclusions, Final Test, Reasonableness Problems, Journal Topics**
6. make repeated guesses to find a solution and check until a solution is found. **Appetizers, Main Dishes, Objectives 10 A Demonstrate Estimation, 11 A Solve Problems, Final Test, Reasonableness Problems, Journal Topics**
7. explain in words why a solution is correct. **Appetizers, Main Dishes, All Objectives, Final Test, Reasonableness Problems, Journal Topics**

Strand Three

The student will be able to . . .

1. develop the concept of place value with concrete models of hundreds, tens, and ones. **Appetizers, Main Dishes, Objective 1 B Place Value, Final Test, Reasonableness Problems, Journal Topics**
2. develop the concept of odd and even using concrete materials. **Appetizers, Main Dishes, Objective 1 C Odds/Evens, Final Test, Reasonableness Problems, Journal Topics**
3. use concrete models of fractions (halves, thirds, fourths, sixths) to investigate different physical representations for the same fractional parts of whole objects or sets of objects. **Appetizers, Main Dishes, Objective 1 E Name Fractions, Final Test, Reasonableness Problems, Journal Topics**
4. illustrate fractional parts of whole objects or sets of objects. **Appetizers, Main Dishes, Objective 1 E Name Fractions, Final Test, Reasonableness Problems, Journal Topics**
5. place whole numbers and fractions on the number line. **Appetizers, Main Dishes, Objective 3 D Line, Final Test, Reasonableness Problems, Journal Topics**
6. develop the concept of multiplication and division by joining equivalent sets of objects or separating objects into equivalent sets. **Appetizers, Main Dishes, Objective 12 D Solve Problems, Final Test, Reasonableness Problems, Journal Topics**
7. learn strategies for the addition and subtraction of numbers such as
 - a. compatible numbers; **Appetizers, Main Dishes, Objectives 2 A Addition Patterns, 2 B Subtraction Patterns, Final Test, Reasonableness Problems, Journal Topics**
 - b. compensatory numbers;

- c. borrow and pay back (subtraction); **Appetizers, Main Dishes, Objectives 7 A Subtract Whole Numbers, 7 B Subtract With/Without Regrouping, Final Test, Reasonableness Problems, Journal Topics**
- d. regrouping; and **Appetizers, Main Dishes, Objective 7 B Subtract With/Without Regrouping, Final Test, Reasonableness Problems, Journal Topics**
- e. using a calculator.
- 8. develop skill in estimating sums and differences. **Appetizers, Main Dishes, Objectives 10 B Real-World Estimation, 10 C Round, Final Test, Reasonableness Problems, Journal Topics**
- 9. translate real-life situations involving addition and/or subtraction into symbols of mathematics. **Appetizers, Main Dishes, Objectives 2 E Paired Numbers, 2 F Patterns, Final Test, Reasonableness Problems, Journal Topics**
- 10. find equivalent forms of numbers using hundreds, tens, and ones. **Appetizers, Main Dishes, Objective 1 A Whole Numbers, Final Test, Reasonableness Problems, Journal Topics**

Strand Four

The student will be able to . . .

- 1. investigate congruence and symmetry. **Appetizers, Main Dishes, Objective 3 C Geometric Shapes, Final Test, Reasonableness Problems, Journal Topics**
- 2. investigate perimeter using concrete models.
- 3. explore paths, simple closed curves, and the ideas of interior and exterior. **Appetizers, Main Dishes, Objectives 3 B Differences in Figures, 3 C Geometric Shapes, Final Test, Reasonableness Problems, Journal Topics**
- 4. explore tangram and pattern block puzzles.
- 5. compare three-dimensional objects describing similarities and differences using appropriate standard and non-standard language. **Appetizers, Main Dishes, Objective 3 A Attributes of Figures, Final Test, Reasonableness Problems, Journal Topics**

Strand Five

The student will be able to . . .

- 1. explain in words thinking strategies for making computations. **Appetizers, Main Dishes, All Objectives 1-13, Final Test, Reasonableness Problems, Journal Topics**
- 2. understand the use of letters in statements such as $a-b=6$ and find a or b when one is given. **Appetizers, Main Dishes, Objectives 2 A Addition Patterns, 2 B Subtraction Patterns, 2 C Number Properties, Final Test, Reasonableness Problems, Journal Topics**

3. model a problem situation using numbers and/or letters. **Appetizers, Main Dishes, Objectives 2 A Addition Patterns, 2 B Subtraction Patterns, 2 C Number Properties, Final Test, Reasonableness Problems, Journal Topics**

Strand Six

The student will be able to . . .

1. explore length, capacity, and weight by selecting and using appropriate metric and conventional units such as centimeter, inch, liter, cup, pint, quart, kilogram, and pound. **Appetizers, Main Dishes, Objectives 4 A Standard Units, 4 B Measure, Final Test, Reasonableness Problems, Journal Topics**
2. count collections of coins including pennies, nickels, dimes, quarters, and half dollars and compare values. **Appetizers, Main Dishes, Objectives 6 C Add Money, 7 C Subtract Money, 10 Problem Solving, Final Test, Reasonableness Problems, Journal Topics**
3. tell time to the nearest five-minute interval on digital and dial timepieces. **Appetizers, Main Dishes, Objective 4 C Time, Final Test, Reasonableness Problems, Journal Topics**
4. relate time on dial and digital timepieces. **Appetizers, Main Dishes, Objective 4 C Time, Final Test, Reasonableness Problems, Journal Topics**

Strand Seven

The student will be able to . . .

1. perform and extend the objectives listed in previous grades. **Appetizers, Main Dishes, All Objectives, Final Test, Reasonableness Problems, Journal Topics**
2. recognize when the number of items in one set falls between the number of items in two other sets. **Appetizers, Main Dishes, Objectives 1 A Whole Numbers, 10 A Demonstrate Estimation, Final Test, Reasonableness Problems, Journal Topics**
3. recognize when the number of items of one set is closer to a second set than a third set. **Appetizers, Main Dishes, Objectives 1 A Whole Numbers, 10 A Demonstrate Estimation, Final Test, Reasonableness Problems, Journal Topics**
4. extend the estimation skills in objectives 2 and 3 to numbers. **Appetizers, Main Dishes, Objectives 10 B Real-World Estimation, 10 C Rounding, Final Test, Reasonableness Problems, Journal Topics**
5. make estimates in addition and subtraction using front-end digits.
6. determine whether a calculated solution is reasonable by using estimation. **Appetizers, Main Dishes, Objective 10 A Demonstrate Estimation, Final Test, Reasonableness Problems, Journal Topics**

7. estimate length, capacity, and mass. **Appetizers, Main Dishes, Objective 10 B Real-World Estimation, Final Test, Reasonableness Problems, Journal Topics**
8. use left-to-right addition to refine estimates obtained by using front-end digits.
9. use the strategies for addition and subtraction mentally, without reference to actual objects. **Appetizers, Main Dishes, Objective 10 A Demonstrate Estimation, Final Test, Reasonableness Problems, Journal Topics**

Strand Eight

The student will be able to . . .

1. collect and organize data and represent with a picture or bar graph. **Appetizers, Main Dishes, Objective 5 A Picture/Bar Graphs, 5 B Conclusions, Final Test, Reasonableness Problems, Journal Topics**
2. develop a variety of categories for sorting information. **Appetizers, Main Dishes, Objectives 5 A Picture/Bar Graphs, 5 B Conclusions, 12 C Charts & Graphs, Final Test, Reasonableness Problems, Journal Topics**
3. explore picture and bar graphs (scaled by one) by making identifications, comparisons, and predictions. **Appetizers, Main Dishes, Objective 12 C Charts & Graphs, Final Test, Reasonableness Problems, Journal Topics**
4. identify information on a labeled picture map.