

**CARTERVILLE SCHOOL DISTRICT**  
**MATHEMATICS CURRICULUM**  
**GRADE 3**  
*Revised 2007*

**FIRST NINE WEEKS**

- Pacing for Test Success activities 1 – 40
- Problem of the Day each day
- Spiral Review lessons 1-1 through 2-13
  
- Chapter 1 – Place Value and Money
  - 1-1 Ways to Use Numbers pages 4-5 (Goal 6A)
  - 1-2 Numbers in the Hundreds pages 6-7 (Goal 6A)
  - 1-3 Place Value Patterns pages 8-9 (Goal 6A)
  - 1-4 Numbers in the Thousands pages 10-11 (Goal 6A)
  - 1-5 Greater Numbers pages 12-13 (Goal 6A)
  - 1-6 Problem Read and Understand pages 14-15 (Goal 6C)
  - 1-7 Comparing Numbers pages 18-21 (Goal 6A)
  - 1-8 Ordering Numbers pages 22-23 (Goal 6A)
  - 1-9 Number Patterns pages 24-27 (Goal 6A)
  - 1-10 Rounding Numbers pages 28-31 (Goal 6C)
  - 1-11 Plan and Solve pages 32-33 (Goal 6C)
  - 1-12 Counting Money pages 36-39 (Goal 7A)
  - 1-13 Making Change pages 40-41 (Goal 7A)
  - 1-14 Look Back and Check pages 42-43 (Goal 6C)
  - 1-15 Animal Speeds pages 44-45 (Goal 6A)
  - Chapter 1 Wrap Up pages 48-63
  
- Chapter 2 – Addition and Subtraction Number Sense
  - 2-1 Algebra – Addition Properties pages 66-69 (Goal 6B)
  - 2-2 Relating Addition and Subtraction pages 70-71 (Goals 6B/8C)
  - 2-3 Find a Rule pages 72-73 (Goal 8B)
  - 2-4 Write a Number Sentence pages 76-77 (Goal 8A)
  - 2-5 Mental Math: Break Apart Numbers pages 80-81 (Goal 6A)
  - 2-6 Mental Math: Using Tens to Add pages 82-85 (Goal 6A)
  - 2-7 Estimating Sums pages 86-89 (Goal 6C)
  - 2-8 Overestimates and Underestimates pages 90-91 (Goal 6C/7A)
  - 2-9 Mental Math: Using Tens to Subtract pages 94-95 (Goal 6C)
  - 2-10 Mental Math: Counting On to Subtract pages 96-97 (Goal 8D)
  - 2-11 Estimating Differences pages 98-101 (Goal 6C)
  - 2-12 Writing to Explain pages 102-103 (Goal 6A)
  - 2-13 Fire Trucks pages 104-105 (Goal 6A/6C)
  - Chapter 2 Wrap Up pages 108-123

## SECOND NINE WEEKS

- Pacing for Test Success activities 41 – 80
- Problem of the Day
- Spiral Review lessons 3-1 through 5-12
  
- Chapter 3 – Adding and Subtracting
  - 3-1 Adding Two-Digit Numbers pages 126–127 (Goal 6B)
  - 3-2 Model for Adding Three-Digit Numbers pages 128-131 (Goal 6B)
  - 3-3 Adding Three-Digit Numbers pages 132-135 (Goal 6B)
  - 3-4 Adding Three or More Numbers pages 136-137 (Goal 6C)
  - 3-5 Draw a Picture pages 140-143 (Goal 6C)
  - 3-6 Regrouping pages 146-147 (Goal 6A)
  - 3-7 Subtracting Two-Digit Numbers pages 148-149 (Goal 6B)
  - 3-8 Models for Subtracting Three-Digit Numbers pages 150-151 (Goals 6A and 6B)
  - 3-9 Subtracting Three-Digit Numbers pages 152-155 (Goal 6B)
  - 3-10 Subtracting Across Zero pages 156-157 (Goal 6B)
  - 3-11 Problem-Solving Skill pages 160-161 (Goal 6B)
  - 3-12 Adding and Subtracting Money pages 162-165 (Goal 6B)
  - 3-13 Choose a Computation Method pages 166-167 (Goal 6C)
  - 3-14 Algebra Equality and Inequality pages 168-169 (Goals 6A and 6D)
  - 3-15 Migrating Butterflies pages 170-171 (Goals 6A and 6C)
  - Chapter 3 Wrap Up pages 174-189
  
- Chapter 4-Time, Data, and Graphs
  - 4-1 Time to the Half Hour and Quarter Hour pages 192-195 (Goals 7A and 7C)
  - 4-2 Time to the Minute pages 196-197 (Goal 7A)
  - 4-3 Elapsed Time pages 198-199 (Goal 7C)
  - 4-4 Using a Calendar pages 200-201
  - 4-5 Using Tally Charts to Organize Data pages 204-207 (Goal 10A)
  - 4-6 Using Line Plots to Organize Data pages 208-211 (Goal 10A)
  - 4-7 Reading Pictographs and Bar Graphs pages (Goal 10A)
  - 4-8 Writing to Compare pages 216-217 (Goal 10A)
  - 4-9 Graphing Ordered Pairs pages 218-221 (Goal 10A)
  - 4-10 Reading Line Graphs pages 222-223 (Goal 10A)
  - 4-11 Making Pictographs pages 226-227 (Goal 10A)
  - 4-12 Making Bar Graphs pages 228-231 (Goal 10A)
  - 4-13 Making Line Graphs pages 232-233 (Goal 10A)
  - 4-14 Make a Graph pages 236-237 (Goal 10A)
  - 4-15 Blizzard of 1888 pages 238-239 (Goals 6A, 6C, and 7C)
  - Chapter 4 Wrap Up pages 242-257

- Chapter 5 Multiplication Concepts and Facts
  - 5-1 Algebra Multiplication as Repeated Addition pages 260-261 (Goal 6B)
  - 5-2 Algebra Arrays and Multiplication pages 262-265 (Goals 6B and 8A)
  - 5-3 Writing Multiplication Stories pages 266-267
  - 5-4 Make a Table pages 270-273 (Goal 8B)
  - 5-5 Two as a Factor pages 276-279 (Goals 6B and 8B)
  - 5-6 Five as a Factor pages 280-281 (Goals 6B and 8B)
  - 5-7 Ten as a Factor pages 282-283 (Goals 6A, 6B, and 8B)
  - 5-8 Multiple-Step Problems pages 284-285 (Goal 6B)
  - 5-9 Algebra Multiplying with Zero and One pages 286-287 (Goals 6B and 8C)
  - 5-10 Nine as a Factor pages 288-291 (Goals 6B and 8B)
  - 5-11 Practicing Multiplication Facts pages 292-293 (Goal 6B)
  - 5-12 Bicycles pages 294-295 (Goals 6B, 6C, 7C)
  - Chapter 5 Wrap pages 298-313

### THIRD NINE WEEKS

- Pacing for Student Success Activities 81-100
- Problem of the Day each day
- Spiral Lesson 6-1 through 8-15
- Chapter 6 – More Multiplication Facts
  - 6-1 Three as a Factor pages 316-317 (Goal 6B)
  - 6-2 Four as a Factor pages 318-319 (Goal 6B)
  - 6-3 Six and Seven as Factors pages 320-323 (Goal 6B)
  - 6-4 Eight as a Factor pages 324-327 (Goal 6B)
  - 6-5 Practicing Multiplication Facts pages 328-329 (Goal 6B)
  - 6-6 Look for a Pattern pages 332-335 (Goal 8A)
  - 6-7 Using Multiplication to Compare page 338-339 (Goal 6B)
  - 6-8 Patterns on a Table pages 340-341 (Goal 6B/8B)
  - 6-9 Multiplying with Three Factors pages 342-343 (Goal 6B)
  - 6-10 Algebra – Find a Rule pages 344-345 (Goal 8B)
  - 6-11 Choose an Operation pages 346-347 (Goal 6B)
  - 6-12 Sandworms pages 348-349 (Goal 6B/6C)
  - Chapter 6 Wrap Up pages 352-367

- Chapter 7 – Division Concepts and Facts
  - 7-1 Division as Sharing pages 370-371 (Goal 6B)
  - 7-2 Division as Repeated Subtraction pages 372-373 (Goal 6B)
  - 7-3 Writing Division Stories pages 374-377
  - 7-4 Try, Check, and Revise pages 380-381 (Goal 8C)
  - 7-5 Relating Multiplication and Division pages 384-385 (Goals 6B/8C)
  - 7-6 Dividing with 2 and 5 pages 386-387 (Goal 6B)
  - 7-7 Dividing with 3 and 4 pages 388-389 (Goal 6B)
  - 7-8 Dividing with 6 and 7 pages 390-391 (Goal 6B)
  - 7-9 Dividing with 8 and 9 pages 392-393 (Goal 6B)
  - 7-10 Dividing with 0 and 1 pages 396-397 (Goal 6B)
  - 7-11 Remainders pages 398-401 (Goal 6B)
  - 7-12 Division Patterns with 10, 11, and 12 (Goal 6B)
  - 7-13 Translating Words to Expressions pages 404-405 (Goal 8A)
  - 7-14 Tunnels pages 406-407 (Goal 6B/6C/7C)
  - Chapter 7 Wrap Up pages 410-425
  
- Chapter 8 – Geometry and Measurement
  - 8-1 Solid Figures pages 428-431 (Goal 9B)
  - 8-2 Relating Solids and Shapes pages 432-433 (Goal 9B)
  - 8-3 Act it Out pages 436-439 (Goal 8A)
  - 8-4 Lines and Line Segments pages 442-443 (Goal 9B)
  - 8-5 Angles pages 444-445 (Goal 9B)
  - 8-6 Polygons pages 446-449 (Goal 9A)
  - 8-7 Triangles pages 450-453 (Goal 9B)
  - 8-8 Quadrilaterals pages 454-455
  - 8-9 Congruent Figures and Motion pages 456-459 (Goal 9A)
  - 8-10 Symmetry pages 460-461 (Goal 9A)
  - 8-11 Perimeter pages 464-467 (Goal 7A/7C)
  - 8-12 Area pages 468-471 (Goal 7A/7C)
  - 8-13 Volume pages 472-473 (Goal 7C)
  - 8-14 Writing to Describe pages 474 – 475 (Goal 9B)
  - 8-15 Sports Flags pages 476-477 (Goal 6B/7C/9A/9B)
  - Chapter 8 Wrap Up pages 480-495

## FOURTH NINE WEEKS

- Problem of the Day
- Spiral Review lessons 11-1 through 11-16 and 10-1 through 10-9
  
- Chapter 11 Multiplying and Dividing Greater Numbers
  - 11-1 Mental Math: Multiplication Patterns pages 612-615 (Goals 6B and 8A)
  - 11-2 Estimating Products pages 616-617 (Goal 6C)
  - 11-3 Mental Math: Division Patterns pages 618-621 (Goal 8A)
  - 11-4 Estimating Quotients pages 622-623 (Goal 6C)
  - 11-5 Multiplication and Arrays pages 626-629 (Goal 6B)
  - 11-6 Breaking Numbers Apart to Multiply pages 630-631 (Goal 6B)
  - 11-7 Multiplying Two-Digit Numbers pages 632-635 (Goal 6B and 6C)
  - 11-8 Multiplying Three-Digit Numbers pages 636-637 (Goal 6B and 6C)
  - 11-9 Multiplying Money pages 638-639
  - 11-10 Choose a Computation Method pages 640-641 (Goal 6C)
  - 11-11 Use Logical Reasoning pages 644-645 (Goal 9C)
  - 11-12 Using Objects to Divide pages 648-649 (Goal 6B)
  - 11-13 Breaking Numbers Apart to Divide pages 650-651 (Goal 6B)
  - 11-14 Dividing pages 652-655 (Goal 6B)
  - 11-15 Interpreting Remainders pages 656-657 (Goal 6B)
  - 11-16 Steam Trains pages 658-659 (Goals 6B, 6C, 7C, and 8C)
  - Chapter 11 Wrap Up pages 662-677
  
- Chapter 10 Decimals
  - 10-1 Tenths pages 564-565 (Goal 6A)
  - 10-2 Hundredths pages 566-567 (Goal 6A)
  - 10-3 Comparing and Ordering Decimals pages 568-571 (Goal 6A)
  - 10-4 Adding and Subtracting Decimals pages 572-575 (Goal 6A)
  - 10-5 Make an Organized List pages 578-579