

Refer to the content area Curricular Planning Resources (CPRs) for resources, strategies, and additional information.

2007-2008 Fourth Grade Pacing Guide Accelerated Math Option 2

**FREQUENT CUMULATIVE REVIEW IS
HIGHLY RECOMMENDED ACROSS ALL
CONTENT AREAS**

September	October	November	December	January
<p style="text-align: center;"><u>Math</u></p> <p>Graphing (line, bar, stem & leaf) 4.18 4.20 5.18 Mean, median, mode, and range 5.19 Patterns 5.20 Place value of whole numbers & decimals 4.1 4.4 5.1a Compare whole numbers & decimals 4.1 5.1c <i>Selected lessons: 4th Chapters 1&2 Selected lessons: 5th Chapters 1&2</i></p> <p style="text-align: center;"><u>Science</u></p> <p>Scientific Investigation, Reasoning & Logic (ongoing) 4.1 [Science process skills should be used with every 4th grade topic] Weather (<u>Oceans of Air</u>) 4.6</p> <p style="text-align: center;"><u>Social Studies</u></p> <p>Geography VS.2 a-e: Map/globe skills, 5 regions of Virginia, American Indian Language groups <i>Use VS.1 skills Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;"><u>Language Arts</u></p> <p>Rare Finds Theme 1: Guiding Your Way 4.1 a-c, e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-c, e, f 4.6 a-c 4.7 a-e, g 4.8 a-h 8/13/07</p>	<p style="text-align: center;"><u>Math</u></p> <p>Adding/Subtracting whole numbers & decimals 4.5 4.6 4.9b&c 5.3 Numeric & geometric patterns 4.21 5.20 Equality 4.22 <i>Selected lessons: 4th Chapter 3 Selected lessons: 5th Chapter 2</i></p> <p style="text-align: center;"><u>Science</u></p> <p>*Weather (<u>Oceans of Air</u>) 4.1 4.6 *Point out autumn changes as a preview to plant unit and tie in with weather (Seasonal changes) (ongoing- use NOAA B-WET gardens & outdoor classrooms)</p> <p style="text-align: center;"><u>Social Studies</u></p> <p>History VS.3 a-g: Jamestown Study <i>Use VS.1 skills Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;"><u>Language Arts</u></p> <p>Rare Finds Theme 1: Guiding Your Way (cont) Theme 2: Working It Out 4.1 a-c, e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-e, g 4.8 a-h</p>	<p style="text-align: center;"><u>Math</u></p> <p>Review multiplication facts, multiplying whole numbers 4.7 5.3 5.20 Rounding decimals 5.1b <i>Selected lessons: 4th Chapters 4-6 Selected lessons: 5th Chapter 3</i></p> <p style="text-align: center;"><u>Science</u></p> <p>Electricity and Magnetism (<u>Electrical Energy</u>) 4.1 4.3</p> <p style="text-align: center;"><u>Social Studies</u></p> <p>History VS.4 a-d: Early Virginia <i>Use VS.1 skills Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;"><u>Language Arts</u></p> <p>Rare Finds Theme 2: Working It Out (continued) 4.1 a-c, e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-e, g 4.8 a-h</p>	<p style="text-align: center;"><u>Math</u></p> <p>Dividing whole numbers by 1-digit numbers 4.8 5.3 5.5 5.20 <i>Selected lessons: 4th Chapter 7 Selected lessons: 5th Chapter 4</i></p> <p style="text-align: center;"><u>Science</u></p> <p>Electricity and Magnetism (<u>Electrical Energy</u>) 4.1 4.3</p> <p style="text-align: center;"><u>Social Studies</u></p> <p>History VS.5 a-c: American Revolution New Nation VS.6 a-c <i>Use VS.1 skills Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;"><u>Language Arts</u></p> <p>Rare Finds Theme 3: Natural Changes 4.1 a-e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-g 4.8 a-h</p>	<p style="text-align: center;"><u>Math</u></p> <p>Dividing whole numbers by 2-digit numbers 4.8 5.3 5.5 5.20 <i>Selected lessons: 4th Chapter 12 Selected lessons: 5th Chapter 5</i></p> <p style="text-align: center;"><u>Science</u></p> <p>Space (<u>A System in the Sky</u>) 4.1 4.7</p> <p style="text-align: center;"><u>Social Studies</u></p> <p>History/Civics: Civil War VS.7 a-b <i>Use VS.1 skills Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;"><u>Language Arts</u></p> <p>Rare Finds Theme 3: Natural Changes (continued) 4.1 a-e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-g 4.8 a-h</p>

Math-Ongoing instruction using Problem Solver 4/5, review of multiplication/division facts

In some cases, CCPS has elected to shift science SOLs between grade levels. It is crucial that teachers follow the specified SOLs as listed on this pacing guide.

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**FREQUENT CUMULATIVE REVIEW IS
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February	March	April	May	June
<p style="text-align: center;">Math</p> <p>Geometry 4.14 4.15 4.16 4.17 5.13 5.14 5.15 5.16 Geometric patterns 5.20 <i>Selected lessons: 4th Chapter 8</i> <i>Selected lessons: 5th Chapters 6 & 11</i></p> <p style="text-align: center;">Science</p> <p>Space (<u>A System in the Sky</u>) 4.1 4.7</p> <p style="text-align: center;">Social Studies</p> <p>History/Economics: VS.8 a-c Post War Era <i>Use VS.1 Skills</i> <i>Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;">Language Arts</p> <p>Rare Finds Theme 4: In Search of a Dream 4.1 a-e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-g 4.8 a-h</p>	<p style="text-align: center;">Math</p> <p>Fraction concepts 4.2 4.3 Addition/Subtraction of fractions 4.9 a,c 5.7 Variables & open sentences 5.21 5.22 <i>Selected lessons: 4th Chapters 9 & 10</i> <i>Selected lessons: 5th Chapters 7 & 8</i></p> <p style="text-align: center;">Science</p> <p>Geology (<u>Earth Beneath Your Feet</u>) 4.1 4.8c,d 5.7</p> <p style="text-align: center;">Social Studies</p> <p>History/Economics VS.9 a-c: Virginia 1900 to Present <i>Use VS.1 skills</i> <i>Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;">Language Arts</p> <p>Rare Finds Theme 5: Making Progress 4.1 a-e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-g 4.8 a-h</p>	<p style="text-align: center;">Math</p> <p>Perimeter, Area & Volume 4.13 5.8 5.10 5.21 5.22 Circles 5.9 Time/Elapsed time 5.12 <i>Selected lessons: 4th Chapters 2 & 8</i> <i>Selected lessons: 5th Chapters 10 & 11</i> <i>SOL support lessons</i></p> <p style="text-align: center;">Science</p> <p>Geology (<u>Earth Beneath Your Feet</u>) 4.1 4.8 c,d 5.7 (Connect VA geology/natural resources to VA Economy –coal, Chesapeake Bay, etc.)</p> <p style="text-align: center;">Social Studies</p> <p>Civics/Economics VS.10 a-c: Virginia 1900 to Present <i>Use VS.1 skills</i> <i>Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;">Language Arts</p> <p>Rare Finds Theme 5: Making Progress (cont.) Theme 6: Great Inspirations 4.1 a-e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-g 4.8 a-h</p>	<p style="text-align: center;">Math</p> <p>Measurement 4.10 4.11 4.12 5.11 Probability 4.19 5.17 <i>Selected lessons: 4th Chapters 9-12</i> <i>Selected lessons: 5th Chapters 11 & 12</i> <i>SOL support lessons</i></p> <p style="text-align: center;">Science</p> <p>Plants (<u>Vacant Lot</u>) 4.1 4.4 4.8b,d 5.5c (ongoing- use NOAA B-WET gardens & outdoor classrooms)</p> <p style="text-align: center;">Social Studies</p> <p>Review all CPRs in preparation for SOL Testing. VS.2-VS.10 <i>Use VS.1 skills</i> Use “Race to the Governor’s” game 2002 revised edition <i>Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;">Language Arts</p> <p>Rare Finds Theme 6: Great Inspirations (cont.) 4.1 a-e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-g 4.8 a-h</p>	<p style="text-align: center;">Math</p> <p>Patterns, functions, algebra 4.21 4.22 5.20 5.21 5.22 <i>Selected lessons:</i> <i>Algebraic Thinking</i> <i>Hands On Equations</i></p> <p style="text-align: center;">Science</p> <p>Plants (<u>Vacant Lot</u>) 4.1 4.4 4.8b,d 5.5c Virginia Natural Resources 4.8b-d (Connect VA geology/natural resources to VA Economy –coal, Chesapeake Bay, etc.) (Use <u>Harcourt Horizons Virginia</u> book – adopted Social Studies text)</p> <p style="text-align: center;">Social Studies</p> <p>Review activities or historical fiction novel <i>Geography Review – Use Nystrom Hands-on Virginia or Hands-on Building Map Skills</i></p> <p style="text-align: center;">Language Arts</p> <p>Rare Finds Theme 6: Great Inspirations (cont.) Enrichment of choice 4.1 a-e 4.2 a-c 4.3 a-d 4.4 a-f 4.5 a-i 4.6 a-c 4.7 a-g 4.8 a-h</p>

8/13/07

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