

5th Grade Curriculum Map

Math 4th Quarter

| | Week 1 | Week 2 | Week 3 and 4 | Week 5 |
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| Common Core State Standard | 5.MD.1 Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems. | 5.MD.3a. Recognize volume as an attribute of solid figures and understand concepts of volume measurement. a. A cube with side length 1 unit, called a “unit cube,” is said to have “one cubic unit” of volume, and can be used to measure volume. | 5.MD.3b Recognize volume as an attribute of solid figures and understand concepts of volume measurement. b. A solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units. | 5.MD.4 Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units. |
| GDOE | 5.12.1 Convert within standard systems of measure for the following quantities, time length, area, volume, mass, and temperature. 5.12.2 Solve problems that involve adding and subtracting measures of quantities within the same system. | 5.13.2 Develop the formula for the area of triangles, trapezoids, and parallelograms from the formula for the area of the rectangle and use these formulas to find the areas of composite and simple shapes. | 5.13.2 Develop the formula for the area of triangles, trapezoids, and parallelograms from the formula for the area of the rectangle and use these formulas to find the areas of composite and simple shapes. | 5.13.1 Develop the formula of a rectangular prism and use it to find volumes from the measures of the lengths of the sides. |
| SAT skills, Dibels, Aimsweb | <ul style="list-style-type: none"> - Identify appropriate units of measurement - Estimate or measure length using customary or metric units - Solve problems | <ul style="list-style-type: none"> - Estimate capacity using customary or metric units. - Identify and use order of operation rules - Solve problems using appropriate strategies | <ul style="list-style-type: none"> - Estimate capacity using customary or metric units. - Identify and use order of operation rules <p>Solve problems using appropriate strategies</p> | <ul style="list-style-type: none"> - Estimate capacity using customary or metric units. - Identify and use order of operation rules <p>Solve problems using appropriate strategies</p> |

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| | involving elapsed time. | | | |
| Assessment | PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check | PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check | PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check | PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check |
| Homework | Aligned common core worksheets, online resources, supplementary resources and workbook worksheets | Aligned common core worksheets, online resources, supplementary resources and workbook worksheets | Aligned common core worksheets, online resources, supplementary resources and workbook worksheets | Aligned common core worksheets, online resources, supplementary resources and workbook worksheets |
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| ESLR | <input checked="" type="checkbox"/> Use effective oral and written communication. <input type="checkbox"/> Participate as productive members of the community. <input checked="" type="checkbox"/> Integrate learning and apply to real-life situation. <input checked="" type="checkbox"/> Explore concepts and skills needed for future world experiences. <input type="checkbox"/> Set personal goals and work towards achieving them. | <input checked="" type="checkbox"/> Use effective oral and written communication. <input type="checkbox"/> Participate as productive members of the community. <input checked="" type="checkbox"/> Integrate learning and apply to real-life situation. <input checked="" type="checkbox"/> Explore concepts and skills needed for future world experiences. <input type="checkbox"/> Set personal goals and work towards achieving them. | <input checked="" type="checkbox"/> Use effective oral and written communication. <input type="checkbox"/> Participate as productive members of the community. <input checked="" type="checkbox"/> Integrate learning and apply to real-life situation. <input checked="" type="checkbox"/> Explore concepts and skills needed for future world experiences. <input type="checkbox"/> Set personal goals and work towards achieving them. | <input checked="" type="checkbox"/> Use effective oral and written communication. <input type="checkbox"/> Participate as productive members of the community. <input checked="" type="checkbox"/> Integrate learning and apply to real-life situation. <input checked="" type="checkbox"/> Explore concepts and skills needed for future world experiences. <input type="checkbox"/> Set personal goals and work towards achieving them. |

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| | Week 6 | Week 7 | Week 8 and 9 |
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| Common Core State Standard | <p>5.MD.5a Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume. a. Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the</p> | <p>5.MD.5b Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume. b. Apply the formulas $V = l \times w \times h$ and $V = b \times h$ for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.</p> | <p>5.MD.5c Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume. c. Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying</p> |

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| | <p>edge lengths, equivalently by multiplying the height by the area of the base.</p> <p>Represent threefold whole-number products as volumes, e.g., to represent the associative property of multiplication.</p> | | <p>this technique to solve real world problems.</p> |
| GDOE | 5.13.4 Select and skillfully use the appropriate tools and units to measure length, mass, volume, temperature, time and angles (protractors) | 5.13.4 Select and skillfully use the appropriate tools and units to measure length, mass, volume, temperature, time and angles (protractors) | 5.13.4 Select and skillfully use the appropriate tools and units to measure length, mass, volume, temperature, time and angles (protractors) |
| SAT skills, Dibels, Aimsweb | <ul style="list-style-type: none"> - Estimate capacity using customary or metric units. - <p>Identify and use order of operation rules</p> <p>Solve problems using appropriate strategies</p> | <p>Estimate capacity using customary or metric units.</p> <p>Identify and use order of operation rules</p> <p>Solve problems using appropriate strategies</p> | <p>Estimate capacity using customary or metric units.</p> <p>Identify and use order of operation rules</p> <p>Solve problems using appropriate strategies</p> |
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| Homework | Aligned common core worksheets, online resources, supplementary resources and workbook worksheets | Aligned common core worksheets, online resources, supplementary resources and workbook worksheets | Aligned common core worksheets, online resources, supplementary resources and workbook worksheets |
| Resources | Mathematics Plus Textbook and Workbook | Mathematics Plus Textbook and Workbook | Mathematics Plus Textbook and Workbook |

| and Material | DI: CMC – E Supplementary worksheets Websites: | DI: CMC – E Supplementary worksheets Websites: | DI: CMC – E Supplementary worksheets Websites: |
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