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</table>
| 5 weeks | 1: Place Value | Place Value and Rounding  
- How does place value connect with rounding? | - 3.NBT.1  
- 3.NBT.2  
- 3.OA.8  
- 3.OA.9  
- 3.MD.3 | Georgia  
- Unit 1 |  
- Administer Quizzes:  
  ○ Addition/Subtraction  
  ○ Rounding Quiz  
  ○ Cafeteria Lunch Orders  
  ○ Data/Graphing  
  ○ End of Unit 1 Assessment  
- Performance Task: Adding Numbers |  
- Number Talks by Sherry Parrish  
- MARS Task-A Question of Numbers  
- MARS Task-Parking Cars  
- MARS Task-The Answer is 36  
- MARS Task-The Flower Garden  
- MARS Task-Number Cards  
- Howard County Routines: Over Under, Number Puzzles, Number Line |
| Data and Graphing  
- How can data be represented and interpreted? | EngageNY  
- Module 2 (Rounding)  
  Topic C  
- Module 2 (Addition and Subtraction)  
  Topics D and E  
- Module 6 (Data and Graphing)  
  Topics A and B | enVision (rounding not represented: see above resources)  
- Topic 1: Lessons 1, 2, 4  
- Topic 3: Lessons 1, 2, 3 |  
- Additional Resources  
  ● www.learnzillion.com  
  ● www.teachingchannel.org |  
- Number Talks by Sherry Parrish  
- MARS Task-House Numbers  
- MARS Task-Pens and Pencils  
- MARS Task-The Math Test  
- Number Talks by Sherry Parrish |

| 6 weeks | 2: Multiplication | Multiplication  
- How can multiplication be represented?  
- See chart on start unknown, change unknown, and result unknown.  
- How does an array represent multiplication?  
- How can multiplication strategies be used to solve problems?  
- How can the properties of multiplication be used to solve problems?  
- Data and Graphing  
- How can data be represented and interpreted? | - 3.OA.1  
- 3.OA.3  
- 3.OA.4  
- 3.OA.5  
- 3.OA.6  
- 3.OA.7  
- 3.OA.8  
- 3.OA.9  
- 3.NBT.3  
- 3.MD.3 | Georgia  
- Unit 2  
  ○ Georgia chart on start, change, and result unknown. |  
- Administer Quizzes:  
  ○ Multiplication Properties Quiz  
  ○ Multiplication Strategies Quiz  
  ○ Array Quiz  
  ○ Graphing Quiz  
  ○ Start, Result, and Change Unknown Multiplication Test  
  ○ End of Unit 2 Assessment  
- Performance Task: Cookie Dough  
**Administer End of Trimester Performance Task: A Trip to the Toy Store** |  
- Howard County Routines: Sparkle, Over Under  
- MARS Task-House Numbers  
- MARS Task-Pens and Pencils  
- MARS Task-The Math Test  
- Number Talks by Sherry Parrish |
|  |  |  |  | Additional Resources  
  ● www.learnzillion.com  
  ● www.teachingchannel.org |  
- Number Talks by Sherry Parrish  
- MARS Task-House Numbers  
- MARS Task-Pens and Pencils  
- MARS Task-The Math Test  
- Number Talks by Sherry Parrish |
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| 6 weeks | 3: Division | Division Concepts  
- How can we model division?  
- How can we write a math sentence to represent a division model?  
- How can an array represent multiplication and division? | 3.OA.1  
3.OA.2  
3.OA.3  
3.OA.4  
3.OA.5  
3.OA.6  
3.OA.7  
3.OA.8  
3.OA.9  
3.NBT.3  
3.MD.3 | Georgia  
- Unit 2  
EngageNY  
- Module 1 Topics B  
- Module 1 Topic D Lesson 13  
- Module 1 Topic E  
- Module 3  
Envision  
- Topic 9 Lessons 1, 2, 3  
- Topic 10 Lesson 1 | Administer Quizzes:  
- Interpreting a Model to Divide Quiz  
- Modeling Division Quiz  
- Using Arrays in Division Quiz  
- Graphing Quiz  
End of Unit 3 Assessment  
Performance Task: Isabella’s Garden | Howard County Routines: Over Under  
MARS Task-The Pet Shop  
MARS Task-Houses in a Row  
Number Talks By Sherry Parrish |

Data and Graphing  
- How can data be represented and interpreted?  
Additional Resources  
- www.learnzillion.com  
- www.teachingchannel.org
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<tr>
<td>5/6 weeks</td>
<td>4:</td>
<td>Fractions</td>
<td>● 3.NF.1</td>
<td>Georgia&lt;br&gt;● EngageNY Module 5&lt;br&gt;● EnVision&lt;br&gt;● Additional Resources&lt;br&gt;● Extending Children’s Mathematics: Fractions and Decimals, by Susan Empson</td>
<td>● Administer Quizzes:&lt;br&gt;○ Equal Sharing Fraction Quiz&lt;br&gt;○ Multiple Groups Fraction Quiz&lt;br&gt;○ Comparing Fractions Quiz&lt;br&gt;○ Fraction Relationship to a Whole Quiz&lt;br&gt;● End of Unit 4 Assessment&lt;br&gt;● Performance Task: Peter's Garden&lt;br&gt;<strong>Administer end of trimester 2 Performance Task: A Nature Hike</strong></td>
<td>● Howard County Routines: Number Line&lt;br&gt;● Math Teaching Resources.com Games: Fractions with Color Tiles, Congruent Eighths, and Geoboard Fourths&lt;br&gt;● Number Talks by Sherry Parrish</td>
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<td></td>
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<td>● How are fractions used in problem solving (equal sharing and multiple group problems)?&lt;br&gt;● What fractions are on a number line between 0 and 1?&lt;br&gt;● When we compare 2 fractions, which has the greater value?&lt;br&gt;● What is the relationship between unit fractions and a unit of 1?</td>
<td>● 3.NF.2</td>
<td>● EngageNY Unit 5&lt;br&gt;● Topic 12 Lessons 1,2,3&lt;br&gt;○ Chapter 1 - General information on equal sharing&lt;br&gt;○ Chapter 1, page 25 - Chart on types of strategies used to solve equal sharing problems&lt;br&gt;○ Pages 33-34 - Third grade instructional guidelines for equal sharing problems&lt;br&gt;○ Chapter 3 - General information on multiple groups&lt;br&gt;○ Page 70 - Third grade instructional guidelines for multiple group problems&lt;br&gt;○ Chapter 4 - Relational Understanding of Fractions (Standards 3.NF.1, 3.NF.2)&lt;br&gt;○ Chapter 6 - Understanding Fraction Equivalence and Order (see page 127 for example of equivalent fractions using equal sharing problems)&lt;br&gt;○ Pages 139-143 - Problems for Fraction Equivalence and Order&lt;br&gt;○ Page 145 - Third Grade instructional Guidelines for Fraction Order and Equivalence</td>
<td>● <a href="http://www.learnzillion.com">www.learnzillion.com</a>&lt;br&gt;● <a href="http://www.teachingchannel.org">www.teachingchannel.org</a></td>
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<td>● What fractions are on a number line between 0 and 1?</td>
<td>● 3.NF.3</td>
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<td>● When we compare 2 fractions, which has the greater value?</td>
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<td>● What is the relationship between unit fractions and a unit of 1?</td>
<td>● 3.OA.8</td>
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<td>● 3.OA.9</td>
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<td>● 3.MD.3</td>
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<td>● 3.MD.4</td>
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<td>3 weeks</td>
<td>5: Area and Perimeter</td>
<td>Geometry</td>
<td>3.MD.5, 3.MD.6, 3.MD.7, 3.MD.8, 3.OA.1, 3.OA.7, 3.OA.8, 3.G.2</td>
<td><strong>Georgia</strong>&lt;br&gt; - Unit 3&lt;br&gt; - Unit 4</td>
<td><strong>Administer Quizzes:</strong>&lt;br&gt; - Attributes of a shapes quiz&lt;br&gt; - Area and perimeter of shapes quiz&lt;br&gt; - Area Quiz&lt;br&gt; - Addition and Multiplication of Area Quiz&lt;br&gt; - End of Unit 5 Assessment</td>
<td><strong>Math Teaching Resources.com: 2D Shape Sort, Comparing Quadrilaterals</strong>&lt;br&gt; <strong>Number Talks</strong> by Sherry Parrish&lt;br&gt; MARS Task: Making A Doll House&lt;br&gt; MARS Task: Garden Design&lt;br&gt; MARS Task: Which Shape?</td>
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<td>Perimeter and Area</td>
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<td><strong>EngageNY</strong>&lt;br&gt; - Module 4&lt;br&gt; - Module 7 Topic C&lt;br&gt; - Module 7 Topic D&lt;br&gt; - Module 7 Topic E</td>
<td><strong>End of Unit 5 Assessment</strong></td>
<td><strong>Performance Task: City Farmers</strong></td>
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<td><strong>enVision</strong>&lt;br&gt; - Topic 18 Lessons 1, 2, 3, 4, 6</td>
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<td><strong>Additional Resources</strong>&lt;br&gt; - schools.nyc.gov (Chris’Garden Delemma)&lt;br&gt; - <a href="http://www.learnzillion.com">www.learnzillion.com</a>&lt;br&gt; - <a href="http://www.teachingchannel.org">www.teachingchannel.org</a></td>
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<td>● Administer Quizzes</td>
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<td>● How can I organize data to ¼ to ½ inch?</td>
<td>3.MD.2</td>
<td>Unit 5</td>
<td>○ How Can I Organize Data to ¼ to ½ inch Quiz</td>
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<td><strong>Time</strong></td>
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<td>○ What Strategies Can I Use to Help Me Tell and Write Time Quiz?</td>
<td>Tasks: Norman’s Number Line</td>
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<td>● What strategies can I use to help me tell and write time to the nearest</td>
<td>3.G.1</td>
<td>EngageNY</td>
<td>○ What Connections Can I Make Between a Clock and a Number Line Quiz?</td>
<td>• North Carolina Formative Instructional</td>
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<td>minute and measure intervals in minutes?</td>
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<td>○ How Can I Determine Liquid Volume and Mass of Objects Quiz</td>
<td>Tasks: Weighing Fruit</td>
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<td>● What connections can I make between a clock and a number line?</td>
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<td>enVision</td>
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<td><strong>Volume and Mass</strong></td>
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<td>Tasks: Edna’s Busy Day</td>
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<td>● How can I determine liquid volume and mass of objects?</td>
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