2018-2019
Scope and Sequence
Grade 7 Math Advanced (#1205050)

Lake County Curriculum Maps are revised annually and updated throughout the year.

<table>
<thead>
<tr>
<th>Standards Resources</th>
<th>Activities &amp; Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Standards Guide Gr 7</td>
<td>Engage NY</td>
</tr>
<tr>
<td>Quick Standards Guide Gr 8</td>
<td>Illustrative Math</td>
</tr>
<tr>
<td>Questions for Mathematical Discourse</td>
<td>Mathematics Assessment Resource Service (MARS)</td>
</tr>
<tr>
<td>Achieve the Core</td>
<td>Florida Students</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MP.1 Make sense of problems and persevere in solving them</th>
<th>MP.5 Use appropriate tools strategically</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP.2 Reason abstractly and quantitatively</td>
<td>MP.6 Attend to precision</td>
</tr>
<tr>
<td>MP.3 Construct viable arguments and critique the reasoning of others</td>
<td>MP.7 Look for and make use of structure</td>
</tr>
<tr>
<td>MP.4 Model with mathematics</td>
<td>MP.8 Look for and express regularity in repeated reasoning</td>
</tr>
</tbody>
</table>

Mathematical Practice Standards

Rigor refers to deep, authentic command of mathematical concepts, not making math harder or introducing topics at earlier grades. Achieving rigor requires us to balance conceptual understanding, procedural skill and fluency, and real-world, problem-solving situations.

If you would like to send feedback about the Scope and Sequence or the Blueprints CLICK on this link
## Grade 7 Advanced Scope and Sequence

### FSA Reporting Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratios and Proportional Relationships</td>
<td>25%</td>
</tr>
<tr>
<td>Expressions and Equations</td>
<td>21%</td>
</tr>
<tr>
<td>Geometry</td>
<td>23%</td>
</tr>
<tr>
<td>Statistics and Probability</td>
<td>16%</td>
</tr>
<tr>
<td>The Number System</td>
<td>15%</td>
</tr>
</tbody>
</table>

### First Quarter

- **Review and Building Culture** [5 days]
- **Expressions, Equations & Inequalities** [21 days]  
  - MAFS.7.EE.2.3
  - MAFS.7.EE.2.4
  - MAFS.8.EE.3.7

### Second Quarter

- **Angles** [15 days]  
  - MAFS.7.G.1.2
  - MAFS.7.G.2.5
  - MAFS.8.G.1.5
- **Pythagorean Theorem** [15 days]  
  - MAFS.8.G.2.6
  - MAFS.8.G.2.7
  - MAFS.8.G.2.8
- **Geometry Part 1** [10 days]  
  - MAFS.7.G.1.1
  - MAFS.7.G.1.3
  - MAFS.7.G.2.4

### Third Quarter

- **Geometry Part 2** [10 days]  
  - MAFS.7.G.2.6
  - MAFS.8.G.3.9
- **Statistics** [20 days]  
  - MAFS.7.SP.1.1
  - MAFS.7.SP.1.2
  - MAFS.8.SP.1.1
  - MAFS.8.SP.1.4
- **Probability** [19 days]  
  - MAFS.7.SP.3.5
  - MAFS.7.SP.3.6
  - MAFS.7.SP.3.7
  - MAFS.7.SP.3.8

### Fourth Quarter

- **Functions Part 1** [10 days]  
  - 8.EE.2.5
  - 8.EE.2.6
  - 8.F.1.1
  - 8.F.1.2
  - 8.F.1.3
- **Functions Part 2** [6 days]  
  - 8.F.2.4
  - 8.F.2.5
  - 8.EE.3.8.a,b,c
  - 8.SP.1.2
  - 8.SP.1.3
- **Scientific Notation** [5 days]  
  - MAFS.8.EE.1.1
  - MAFS.8.EE.1.3
  - MAFS.8.EE.1.4
- **Review for FSA** [5 days]  
  - --- Quarterly LSA --- [1 day] 
  - --- Grade 7 FSA ---

---

**Green Standards** = Major Content  
**Blue Standards** = Supporting Content  
**Yellow Standards** = Additional Content