

**Grade 3 \* Mathematics**

Pacing	Essential Questions/Big Idea	Assessment and Activities	Materials/Resources	Standards
<p><b>Pacing:</b> September- November</p>	<ul style="list-style-type: none"> <li>• <b>Ch. 1.</b> How can you add and subtract whole numbers and decide if the answer is reasonable?</li> <li>• <b>Ch. 2.</b> How can you represent and interpret data?</li> <li>• <b>Ch. 3.</b> How can you use multiplication to how many in all?</li> <li>• <b>Ch. 4.</b> What strategies can you use to multiply?</li> <li>• <b>BIG IDEA/CRITICAL AREA-Whole Numbers Operations &amp; Algebraic Thinking</b></li> <li>• <b>Number &amp; Operations in Base Ten</b></li> <li>• <b>Ch. 1.</b> Operations and algebraic thinking number and operations in base ten</li> <li>• <b>Ch. 2.</b> Measurement and data</li> <li>• <b>Ch. 3.</b> Operations and algebraic thinking</li> <li>• <b>Begin Ch.4.</b> Operations and algebraic thinking</li> </ul>	<ul style="list-style-type: none"> <li>• Pretests</li> <li>• Mid-chapter Checkpoint</li> <li>• Chapter Tests</li> <li>• Classroom Observation</li> <li>• Beginning of Year Benchmark</li> </ul>	<ul style="list-style-type: none"> <li>• Content Manipulatives</li> <li>• Go Math Series</li> <li>• Smart board</li> <li>• Animated Math Models</li> <li>• I tools</li> <li>• Go Math Literature</li> <li>• Centers/Games</li> </ul>	<p>NBT.1 NBT.2 MD.3 MD.4 0A.1 0A.3 0A.5 0A.7 0A.8 0A.9</p>
<p><b>Pacing:</b> November- February</p>	<ul style="list-style-type: none"> <li>• Finish <b>Ch.4</b> Divide by !-Digit Numbers</li> <li>• <b>Ch.5.</b> How can you use multiplication faces, place value, and properties to solve multiplication problems?</li> <li>• <b>Ch.6.</b> How can you use division to find how many in each group or how many equal groups?</li> <li>• <b>Ch.7.</b> What strategies can you use to divide?</li> <li>• <b>Ch.8.</b> How can you use fractions to describe how much or how many?</li> <li>• Begin <b>Ch.9.</b> How can you compare fractions?</li> </ul> <p><b>BIG IDEA/CRITICAL AREA- Whole numbers Operations &amp; Algebraic Thinking Number &amp; Operations in Base Ten &amp; developing and understand for fractions</b></p> <ul style="list-style-type: none"> <li>• <b>Ch.4.</b> Operations and algebraic thinking</li> <li>• <b>Ch.5.</b> Operations and algebraic thinking, number and operations in base ten</li> <li>• <b>Ch.6.</b> Operations and algebraic thinking</li> <li>• <b>Ch.7.</b> Operations and algebraic thinking</li> <li>• <b>Ch.8.</b> Number and operations- fractions</li> <li>• <b>Ch.9.</b> Number and operations- fractions</li> </ul>	<ul style="list-style-type: none"> <li>• Pretests</li> <li>• Mid-chapter Checkpoint</li> <li>• Benchmarks: Chapter Tests</li> <li>• Classroom Observation</li> </ul>	<ul style="list-style-type: none"> <li>• Content Manipulatives</li> <li>• Go Math Series</li> <li>• Smart board</li> <li>• Animated Math Models</li> <li>• I tools</li> <li>• Go Math Literature</li> <li>• Centers/Games</li> </ul>	<p>0A.2 0A.3 0A.4 0A.5 0A.6 0A.7 0A.8 0A.9 0A.4 NBT.3 NF.1 NF.2a. NF.2b NF.3c NF.3a NF.3b NF.3d MD.2 MD.4</p>

<p><b>Pacing:</b> February- June</p> <hr/>	<ul style="list-style-type: none"> <li>• Complete <b>Ch.9</b> How can you compare fractions?</li> <li>• <b>Ch.10.</b> How can you tell time and use measurement to describe the size of something?</li> <li>• <b>Ch.11.</b> How can you solve problems involving area and perimeter?</li> <li>• <b>Ch.12.</b> What are some ways to describe and classify two dimensional shapes?</li> </ul> <p><b>BIG IDEA/CRITICAL AREA- Understanding that geometric figures can be analyzed and classified based on their properties,</b></p> <ul style="list-style-type: none"> <li>• <b>Ch.10.</b> measurement and data</li> <li>• <b>Ch.11.</b> measurement and data</li> <li>• <b>Ch.12.</b> Geometry</li> </ul>	<ul style="list-style-type: none"> <li>• Pretests</li> <li>• Mid-chapter Checkpoint</li> <li>• Chapter Tests</li> <li>• Classroom Observation</li> <li>• EOY Benchmark</li> </ul>	<ul style="list-style-type: none"> <li>•Content Manipulatives</li> <li>•Go Math Series</li> <li>•Smart board</li> <li>•Animated Math Models</li> <li>•I tools</li> <li>•Go Math Literature</li> <li>•Centers/Games</li> </ul>	MD.1 MD.2 MD.4 MD.5a MD.5b MD.6 MD.7 MD.7a MD.7b MD.7c MD.7d MD.8 G.1 G.2 NF.1 NF.2a NF.2b NF.3c NF.3a NF.3b NF.3d
<p style="text-align: center;">21<sup>st</sup> Century/Interdisciplinary Themes</p> <ul style="list-style-type: none"> <li>• Global Awareness</li> <li>• <b>Financial, Business, &amp; Entrepreneurial Literacy</b></li> <li>• Civic Literacy</li> <li>• Environmental Literacy</li> <li>• Health Literacy</li> </ul>		<p style="text-align: center;">21<sup>st</sup> Century Skills</p> <ul style="list-style-type: none"> <li>• <b>Creativity &amp; Innovation</b></li> <li>• <b>Communication &amp; Collaboration</b></li> <li>• Media Literacy</li> <li>• <b>Critical Thinking &amp; Problem Solving</b></li> <li>• <b>Information Literacy</b></li> <li>• <b>Information, Communication, &amp; Technology</b></li> <li>• <b>Life &amp; Career Skills</b></li> </ul>		

**Accommodations & Modifications:  
Special Education, ELL, At Risk, Gifted**

- Allow oral responses
- Allow verbalization before writing
- Use audio materials when necessary
- Modify homework assignments
- Read tests aloud
- Provide math manipulatives as necessary
- Restate, reword, clarify directions
- Re-teach concepts using small groups
- Provide educational “breaks” as necessary
- Expanding time for free reading
- Chunking Content
- Calculator
- Use mnemonic devices
- Provide a cueing system
- Untimed and/or extended test taking time
- Shorten assignments to focus on mastery concept
- Leveled Reading Materials
- Acronyms
- Graphic Organizers
- Notes Provided
- Check agenda book for parent(s) communication
- Read directions aloud
- Assignment, Project, and Assessment Modification Based on Individual Student Needs
- Speech to Text/Text to Speech Features in Google Apps
- Technology assisted instruction
- Preferential seating utilized
- Redirect student(s) as necessary
- Student choice for project or approach to assignment
- Inquiry-Based Learning
- Genius Hour