

# SMMUSD GRADE ONE MATHEMATICS CURRICULUM GUIDE

## Counting Collection and Sense Making Routines Throughout the Year! [Math Milestones](#)

Trimester 1: August – October		Trimester 2: November - Mid March		Trimester 3: Mid March - June	
Unit 1 Addition and Subtraction Concepts <b>Aug. – Mid Sept.</b>	Unit 2 Addition & Subtraction Strategies to 20 and Organize & Use Graphs <b>Mid Sept. – Oct.</b>	Unit 3 Place Value & Number Relationships <b>Nov. – Dec.</b>	Unit 4 Place Value Review Two-Digit Addition & Subtraction Geometry <b>Jan. – Mid March</b>	Unit 5 Place Value Review, Measurement & Fair Sharing <b>Mid March - April</b>	Unit 6 Place Value Review, Time, Review all problem types <b>May - June</b>

### Problem Solving/Strategy Development using all problem types throughout the year (addition, subtraction, multiplication, division/fair sharing)

<ul style="list-style-type: none"> <li>Youcubed Week of Inspirational Math <a href="https://www.youcubed.org/week-inspirational-math/">https://www.youcubed.org/week-inspirational-math/</a></li> <li><b>Administer CGI Assessment/Task</b></li> <li>Add and Subtract to and within 10</li> <li>-Represent and solve Word Problems</li> <li>-Fluency within 10</li> <li>Understand and apply properties of operations and the relationship between addition and subtraction</li> <li>Work with addition and subtraction equations</li> <li>Understand the Equal Sign</li> </ul> <p><b>My Math: Chapter 1 and Chapter 2</b> Establish routines with counting collections, warm-ups, Number Talks, and Number Strings <a href="#">PADLET</a></p>	<ul style="list-style-type: none"> <li>Add and Subtract to and Within 20</li> <li>-Represent and solve Word Problems</li> <li>Fact Families with unknown in any position (Number Relationships)</li> <li>Represent and solve Word Problems with 2 and 3 Addends (sum less than 20)</li> <li>Organize, represent, and interpret data (w/ tally charts, picture graphs, and bar graphs)</li> </ul> <p><b>My Math: Chapters 3 and 4</b> (teach simultaneously)</p> <p><b>My Math: Chapter 7</b></p> <p><b><a href="#">OpenUp Resources</a></b> Units 1, 2, 3 = <b>trimester 1</b></p> <p><a href="#">Math Milestones</a></p>	<ul style="list-style-type: none"> <li>Count, Read, Write &amp; Represent Numbers to 120</li> <li>Understand Place Value</li> <li>-A “ten” is a bundle of 10 ones.</li> <li>-10 ones can regroup to make one ten.</li> <li>-Teen Numbers (count and write numbers 11-19)</li> <li>-30 is 3 tens and 0 ones</li> <li>Compare 2-Digit Numbers</li> <li>Understand the meaning of tens and ones digits</li> <li>-Compare using &lt;, &gt;, =</li> <li>Mentally Find Ten More/Ten Less of a 2-Digit Number</li> </ul> <p><b>My Math: Chapter 5</b></p> <p><b><a href="#">OpenUp Resources</a></b> Units 4 and 5</p>	<ul style="list-style-type: none"> <li>Add &amp; Subtract Tens</li> <li>Count on Tens &amp; Ones</li> <li>Count Back by 10’s</li> <li>Add Tens &amp; Ones with Regrouping</li> <li>Continue Mentally Finding Ten More/Ten Less of a 2-Digit Number</li> <li>Review Place Value Concepts as needed</li> <li>Distinguish between defining vs. non-defining attributes.</li> <li>Compose 2D and 3D composite shapes.</li> </ul> <p><b>My Math:</b></p> <p><b>Chapter 6</b></p> <p><b>Chapter 9</b> (lessons 1 - 7)</p> <p><b>Chapter 10</b></p> <p><b><a href="#">OpenUp Resources</a></b> Units 5 and 7</p>	<ul style="list-style-type: none"> <li>Measure lengths indirectly and by iterating length units.</li> <li>Fair Sharing Concepts (partition circles and rectangles into halves and fourths)</li> </ul> <p><b>My Math:</b></p> <p><b>Chapter 8 (lessons 1 - 4)</b></p> <p><b>Chapter 9</b> (Lessons 8 - 10)</p> <p><b><a href="#">OpenUp Resources</a></b> Unit 6</p>	<ul style="list-style-type: none"> <li>Review Place Value and Number Sense Concepts</li> <li>Tell and write time in hours and half-hours using analog and digital clocks.</li> </ul> <p><b>My Math: Chapter 8</b> (lessons 5 - 9)</p> <p><b><a href="#">OpenUp Resources</a></b> Units 7 and 8</p>
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**\* Structures to Support CA Content Standards/CGI/Problem Solving:** Real Life Math, Problem Analysis “Think Time”, Partner Collaboration, Productive Struggle, Whole Group Student Share

**\* Mathematical practices 1-8** are integrated into the content areas throughout the year.

**\* OA and NBT standards should be spiraled and reviewed periodically throughout the year after being introduced, especially 1.OA.A.1**

**\* Number sense routines and warm-ups should address/frontload the following concepts:** Measurement; Time; Data Collection

**\* Number sense routines and warm-ups should address/review the following concepts:** Place Value; Number Sense; Addition, Subtraction; Geometry

Unit 1:	Unit 2:	Unit 3:	Unit 4:	Unit 5:	Unit 6:
1.OA.1	1.OA.6	1.NBT.1	1.NBT.4	1.MD.1	1.MD.3
1.OA.3	1.OA.7	1.NBT.2a-c	1.NBT.6	1.MD.2	1.NBT.2 a-c (Review)
1.OA.4	1.OA.8	1.NBT.3	1.G.1	1.G.3	
1.OA.5	1.MD.4	1.NBT.5	1.G.2		

**Domains:** OA: Operations & Algebraic Thinking; MD: Measurement & Data; NBT: Numbers & Operations in Base Ten; G: Geometry

#### Standards for Mathematical Practices:

MP1: Make sense of problems and persevere in solving them

MP2: Reason abstractly and quantitatively

MP3: Construct viable arguments and critique the reasoning of others

MP4: Model with mathematics

MP5: Use appropriate tools

MP6: Attend to precision

MP7: Look for and make use of structure

MP8: Look for and express regularity in repeated reasoning

**Mathematical Practices 1-3-6 = connections to EL/ELD and NGSS standards: See Overview Curriculum Guide for details of grade expectations**

[Math Milestones](#)

**For Grade One Mathematics, instructional time should focus on five [critical areas](#):**

**(1) Developing understanding of addition, subtraction, and strategies for addition and subtraction within 20.**

**(2) Starts Day 1 - Developing understanding of whole number relationships and place value, including grouping in tens and ones.**

**(3) Developing understanding of linear measurement and measuring lengths as iterating length units.**

**(4) Reasoning about attributes of, and composing and decomposing geometric shapes.**

**(5) Problem solving and strategy development (all types of addition, subtraction, multiplication, and division/fair sharing problems)**

[Detailed GVC Guide](#)

[Think Smart for Smarter Balance](#)—MyMath assessments

[Spanish Versions](#)



SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT