

2020-2021 Grade 4 - Mathematics Pacing Guide



The Pacing Guides for 2020-2021 have been modified and reordered to include previous year’s content that was likely to have been affected by the school closure during 2019-2020. This year it is even more important to determine what your students know and which students need additional support. Purposeful number sense routines, observations and discussions during games, and looking at student work from 3-Act Tasks can be used as formative assessments. Although not ideal, this was considered necessary in order to be certain that affected 3rd grade priority standards and 4th grade priority standards are allocated appropriate time. These standards are listed at the end of the pacing document, and teachers are encouraged to use them if time allows. Attention to math practice standards and rigor: the balance between conceptual understanding, application, and procedural fluency, remain critical to our students’ proficiency in mathematics.

4th Grade Critical Area and Priority Standards determined by Math Framework

California Mathematics Framework: In grade four, instructional time should focus on three critical areas: (1) developing understanding and fluency with multi-digit multiplication and developing understanding of dividing to find quotients involving multi-digit dividends; (2) developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers; and (3) understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry. Students also work toward fluency in addition and subtraction within 1,000,000 using the standard algorithm.

Trimester 1

| Module | Days | Possible Dates | Topic | Go Math Chapters | Priority Standards | Supporting Standards | Resources |
|--------|------|----------------------------|--|------------------|--|----------------------|---|
| | 7 | August 13- August 21 | <p>Back to School-Establish Number Sense and Problem Solving Routines Due to Closure, students may need time to review and practice 3.MD.1 (Time and elapsed time)</p> <p>Introduce and practice digital tools and Math Fact fluency games</p> | | <p>Third Grade MD.1 This standard is a critical area of instruction according to CDE Framework</p> | | <p>3rd grade Go Math Chapter 10 Lessons 10.1-10.5</p> <p>School Closure 3rd grade Packet 4</p> <p>3rd Grade Module 7</p> <p>Math Framework page (3.MD.1)</p> <p>Additional resources</p> |
| 1 | 14 | August 24- September 11 | Place Value | Chapter 1 | NBT.1, NBT.2, NBT.3, NBT.4 | | Additional resources |
| 2 | 15 | September 14- October 2 | Multiplication | Chapter 2 | NBT.5, OA.1, OA.2, OA.3 | | Additional resources |
| 3 | 18 | October 5- October 28 | Multiplication and Area/Perimeter | Chapter 3,13 | NBT.5, OA.3 | MD.3 | Additional resources |

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Trimester 2

| Module | Days | Possible Dates | Topic | Go Math Chapters | Priority Standards | Supporting Standards | Resources |
|--------|------|----------------------------|-----------------------------------|------------------|--------------------|----------------------|--------------------------------------|
| 4 | 19 | November 2- December 4 | Division | Chapter 4 | NBT.6, OA.3 | MD.3, OA.4 | Additional resources |
| 5 | 24 | December 7- January 29 | Fraction Equivalence | Chapter 6 | NF.1, NF.2 | | Additional resources |
| 6 | 13 | February 1- February 19 | Fraction Addition and Subtraction | Chapter 7 | NF.3 | MD.4 | Additional resources |

Trimester 3

| Module | Days | Possible Dates | Topic | Go Math Chapters | Priority Standards | Supporting Standards | Resources |
|--------|------|----------------------|------------------------------|------------------|---|-----------------------------------|---|
| 7 | 20 | March 1- March 26 | Multiply Fractions/ Decimals | Chapters 8, 9 | NF.4, NF.5, NF.6, NF.7 | MD.2 | Additional resources |
| | 2 | April 6- April 7 | Due to Closure, Review 3.G.1 | | | | 3rd grade Go Math! Chapter 12 Lesson 12.3-12.6 School Closure 3rd Grade Packet 3 and 4 3rd grade Module 9 Additional resources |
| 8 | 18 | April 8- May 3 | Geometry | Chapters 10-11 | *Geometry standards in 4th grade are designated as additional or supporting in CDE Framework, but are considered one of | G.1, G.2, G.3 MD.5, MD.6, MD.7 | Additional resources |

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| | | | | | the 3 Critical Areas of Focus. | | |
| | 4 | May 4- May 7 | Due to Closure, Review 3.MD.2 Solving problems involving measurement: liquid volume and mass | | Third Grade MD.2 This standard is a critical area of instruction according to CDE Framework | | 3rd grade Go Math! Chapter 10 Lessons 10.6-10.9 3rd Grade Module 8 Additional resources |
| 9 | 13 | May 10- May 26 | Measurement and Conversions | Chapter 12 | *MD standards in 4th grade are designated as additional or supporting in CDE Framework, and are the focus for this Module. | MD.1, MD.2, NBT. 5, NBT.6, OA.5 | Additional resources |

Additional Resources are linked in Resource column