



Fourth Grade Mathematics Curriculum Map, 4th Nine Weeks 2020-2021

Third Nine Weeks		
TN Standards The Major Work of the Grade for TN Assessments are bolded and in italics.	Learning Outcomes The Major Work of the Grade for TN Assessments are bolded and in italics.	Content
Week 1 and 2: 4.MD.A.3 "Area and Perimeter"		
<p>4.MD.A.3 Know and apply the area and perimeter formulas for rectangles in real-world and mathematical problems. For example, find the width of a rectangular room given the area of the flooring and the length, by viewing the area formula as a multiplication equation with an unknown factor</p>	<p>Learning Targets:</p> <ul style="list-style-type: none"> I can explain the formula for area and perimeter to solve a problem. I can use the formulas for area and perimeter to solve contextual problems. I can find the width of a rectangular room given the area and the length. <p>Essential Questions:</p> <ol style="list-style-type: none"> How can you use a formula to find the perimeter of a rectangle? How can you use a formula to find the area of a rectangle? How can you find the area of combined rectangles? How can you find an unknown measure of a rectangle given its area or perimeter? How can you use the strategy solve a simpler problem to solve area problems? <ul style="list-style-type: none"> Ensure that instruction meets the rigor called for by the standard. To help with this, use the Instructional Focus Documents (Use the dropdown to choose what grade-level) and the Go Math Guidance Documents 	<p>Go Math! Chapter 13: Geometry, Measurement, and Data Lesson 13.1 Perimeter Lesson 13.2 Area Lesson 13.3 Area of Combined Rectangles (optional) Lesson 13.4 Find Unknown Measures Lesson 13.5 Problem Solving Find the Area</p> <p>Vocabulary: area, base, centimeter (cm), formula, height, meter (m), perimeter, square unit</p> <p>Mathematical Practice Focus 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 strategically. MP6 Attend to precision. MP7 Look for and make use of structure. MP8 Look for and express regularity in repeated reasoning.</p> <p>Instructional Tasks: Engage NY https://www.engageny.org/resource/grade-4-mathematics Module 3 Topic A, Topic H</p> <p>Fourth Grade Math Teachers in TN Blog of Resources https://fourthgrademathteachersintn.blogspot.com/</p>



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Weeks 3-6: "Review, Practice, and Take TNReady"		
<p>Review skills for State Math Assessment. Use these weeks to review and practice standards that administered CFAs and Benchmarks show your students need to spend extra time.</p> <p>Refer to 4th Grade Math Pacing Guide for a list of all tested standards.</p>	<p>Learning Targets:</p> <ul style="list-style-type: none"> • I can review and practice math skills from all the standards from the fourth grade curriculum. • I can review and practice skills to help me show what I know and do my best on the State Math Assessment. 	<p>Go Math! Planning and Pacing Guide Review Project: The Black-Footed Ferret Pg. 42 Review Project: Fundraiser Pg. 44 Review Project: Creating Cars Pg. 46</p> <p>Instructional Tasks: Engage NY https://www.engageny.org/resource/grade-4-mathematics Module 7 Topic D</p> <p>**Math Instructional Focus Document** https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_grade_4_Mathematics.pdf</p> <p>Fourth Grade Math Teachers in TN Blog of Resources https://fourthgrademathteachersintn.blogspot.com/</p>



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Weeks 7-9: "Practice and Extend"		
<p>Use the weeks after the TNReady testing to stretch your students toward extending their learning.</p> <p>20 End-of-Year Lessons to help "Get Ready for Grade 5" with skills are listed in the Go Math! Planning and Pacing Guide starting on page 48.</p>	<p>Learning Targets:</p> <ul style="list-style-type: none"> I can review and extend 4th grade Skills to prepare myself for learning in 5th grade next year. Ensure that instruction meets the rigor called for by the standard. To help with this, use the Instructional Focus Documents (Use the dropdown to choose what grade-level) and the Go Math Guidance Documents 	<p>Go Math! Planning and Pacing Guide</p> <p>Lesson 1 Add Dollars and Cents Lesson 2 Subtract Dollars and Cents Lesson 3 Order of Operations Lesson 4 Divide by Multiples of Ten Lesson 5 Model Division with 2-Digit Divisors Lesson 6 Place Value Through Millions Lesson 7 Decimals and Place Value Lesson 8 Round Decimals Lesson 9 Place Value to Compare Decimals Lesson 10 Decompose Multiples of 10, 100, 1,000. Lesson 11 Number Patterns Lesson 12 Add Related Fractions Lesson 13 Subtract Related Fractions Lesson 14 Compare Fraction Products Lesson 15 Repeated Subtractions with Fractions Lesson 16 Fractions and Division Lesson 17 Locate Points on a Grid Lesson 18 Area and Tiling Lesson 19 Multiply Three Factors Lesson 20 Find Area of the Base</p> <p>**Math Instructional Focus Document** https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_grade_4_Mathematics.pdf</p> <p>Fourth Grade Math Teachers in TN Blog of Resources https://fourthgrademathteachersintn.blogspot.com/</p>

Please NOTE:

1. Each chapter of Go Math has a Chapter Resource Book that contains reteach, enrich, and chapter tests as well as Performance Tasks available to print out for use in your classrooms.
2. Student Go Math Editions contain Mid-Chapter Checkpoints, as well as Chapter Review/Test pages, which may be used at your discretion.
3. Each lesson contains a Journal Writing Prompt that can be used as an exit ticket or formative assessment piece of work.
4. Online resources are available for each chapter.
5. Engage New York modules and topics have been provided as extra resources to reach each standard.
6. A blog has been created for 4th Grade Math Teachers in TN to share resources and ideas:
Fourth Grade Math Teachers in TN Blog of Resources: <https://fourthgrademathteachersintn.blogspot.com/>
7. iBooks have been created and shared for all of the NBT standards to use for reteach and review in your classroom.
The link to the shared OneDrive folder is:
https://bartlettcityschool-my.sharepoint.com/:f/g/personal/hsamuelson_bartlettschools_org/EozK_6pMu9xHonanjnSwfkBNel2hOQmRO4sF-xcVu-LOw?e=VW82ZV

To access the Ed Toolbox website including the instructional tasks go to the Tennessee Tools link at: <http://www.edutoolbox.org/tntools>

[More Resources:](#)

Textbook Online Resource: Go Math “Think Central”: <https://www-k6.thinkcentral.com/ePC/start.do>

Math Instructional Focus Document: https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_grade_4_Mathematics.pdf

Assessment Tasks: <https://www.edutoolbox.org/tntools/list/grade/819/6128/4>

Instructional Resources and Task Arcs: <https://www.edutoolbox.org/tntools/list/grade/819/6119/4#6120>

Worksheets for each standard sorted by grade level: <http://www.commoncoresheets.com/SortedByGrade.php>

[Illustrative Math Tasks Website:](https://www.illustrativemathematics.org/content-standards/4) <https://www.illustrativemathematics.org/content-standards/4>

[Study Jams Website:](http://studyjams.scholastic.com/studyjams/jams/math/index.htm) <http://studyjams.scholastic.com/studyjams/jams/math/index.htm>

[Math Antics Website:](https://www.mathantics.com/) <https://www.mathantics.com/>

YouTube Math Tutorials:

Fourth Grade Math Suggestions in Children’s Literature

Grandfather Tang’s Story by Ann Tompert

The Greedy Triangle by Marilyn Burns

The Patchwork Quilt by Valerie Flournoy

Sweet Clara and the Freedom Quilt by Deborah Hopkinson

Anno’s Magic Seeds by Mitsumasa Anno

Fourth Grade Blogs to follow for ideas and activity shares

Meg Anderson, “The Teacher Studio”, <https://theteacherstudio.com/blog/>

Jennifer Findley, “Teaching with Jennifer Findley” <http://jenniferfindley.com/>

Brittany Hege, “Mix and Math”, <https://www.mixandmath.com/>