



<p><b>Essential Questions:</b></p> <p>1) How do we use numbers every day?</p> <p>2) Where do you see numbers?</p> <p>3) How can numbers help us?</p>		
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**Literature Connections for Money - Quarter**

*No Tooth, No Quarter!* by: Jon Buller

*Martin and the Tooth Fairy* by: Bernice Chardiet

*Quarters (Scholastic)* by: Mary Hill

*A Dollar for Penny* by: Dr. Julie Glass

**Literature Connections for Counting by 2's**

*Penguin Pairs: Counting by 2s* by: Amanda Doering Tourville

*MooooVe Over! A Book about Counting by Twos* by: Karen Magnuson Beil

*The Ants Go Marching Two by Two* by: Maria Fleming

*Two Ways to Count to Ten* retold by: Ruby Dee

**Videos:**

**Counting to 100:** <http://www.schooltube.com/video/930b9e7eb4df40eda609/I%20Can%20Count%20to%20100>

**Coins:** <https://www.youtube.com/watch?v=aajLkveG750>

**Money Song:** <https://www.youtube.com/watch?v=pnXJGNo08v0&t=1s>

**Count to 100:** <https://www.youtube.com/watch?v=VHwIKl5SsHc>

**Calendar Resources:** Math Their Way Summary Newsletter Chapter 4 “The Opening” [www.center.edu/NEWSLETTER/newsletter.shtml](http://www.center.edu/NEWSLETTER/newsletter.shtml)

**Building Math Journal Prompt in beginning of Journal:**

Give students a picture of a quarter to color, glue it in, and label it with the name and value.



## Kindergarten Mathematics Curriculum Map 4th Nine Weeks 2019 - 2020

### Fourth Nine Weeks

TN Standards	Learning Outcomes	Content		
<b>Weeks 1 – 9: Chapter 5 – Addition; Chapter 6 – Subtraction</b>				
<p><b>K.OA.A.1</b> Represent addition and subtraction with objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions, or equations.</p> <p><b>K.OA.A.2</b> Add and subtract within 10 to solve contextual problems using objects or drawings to represent the problem.</p>	<p>I can solve addition / subtraction word problems 0 – 10 using manipulatives.</p> <p>I can use objects or drawings to show addition or subtraction 0-10.</p>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>GO Math! Chapter 5 Addition</b></p> <p>5.1 Add To</p> <p>5.2 Put Together</p> <p>5.3 Act Out Addition Problems</p> <p>5.4 Model and Draw Problems</p> <p>5.5 Write Addition Sentences 10</p> <p>5.6 Write Addition Sentences 5</p> <p>5.7 More Addition Sentences</p> <p>5.8 Number Pairs to 5</p> <p>5.9 Number Pairs for 6 and 7</p> <p>5.10 Number Pairs for 8</p> <p>5.11 Number Pairs for 9</p> <p>5.12 Number Pairs for 10</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>GO Math! Chapter 6 Subtraction</b></p> <p>6.1 Take From</p> <p>6.2 Take Apart</p> <p>6.3 Act Out Subtraction</p> <p>6.4 Model and Draw Problems</p> <p>6.5 Write Subtraction Sentences</p> <p>6.6 More Subtraction Sentences</p> <p>6.7 Addition and Subtraction</p> </td> </tr> </table> <p><b>Vocabulary:</b> addition, add, subtraction, subtract -, plus +, equal =, equation, more, sum, in all, difference, left, join, total, combine, one more, one fewer</p> <p><b>Assess:</b> Read problem to student. <i>5 blue marbles and 4 red marbles are in the jar. How many marbles are in the jar? Show your thinking with objects, words, pictures, or drawings.</i></p> <p><b>Assess:</b> Read problem to student. <i>Mom baked 8 cookies. We ate 5 for our snack. How many cookies are left? Show your thinking with objects, words, pictures, or drawings.</i></p>	<p><b>GO Math! Chapter 5 Addition</b></p> <p>5.1 Add To</p> <p>5.2 Put Together</p> <p>5.3 Act Out Addition Problems</p> <p>5.4 Model and Draw Problems</p> <p>5.5 Write Addition Sentences 10</p> <p>5.6 Write Addition Sentences 5</p> <p>5.7 More Addition Sentences</p> <p>5.8 Number Pairs to 5</p> <p>5.9 Number Pairs for 6 and 7</p> <p>5.10 Number Pairs for 8</p> <p>5.11 Number Pairs for 9</p> <p>5.12 Number Pairs for 10</p>	<p><b>GO Math! Chapter 6 Subtraction</b></p> <p>6.1 Take From</p> <p>6.2 Take Apart</p> <p>6.3 Act Out Subtraction</p> <p>6.4 Model and Draw Problems</p> <p>6.5 Write Subtraction Sentences</p> <p>6.6 More Subtraction Sentences</p> <p>6.7 Addition and Subtraction</p>
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<p><b>K.OA.A.4</b> Find the number that makes 10, when added to any given number, from 1 to 9 using objects or drawings.</p>	<p>I can find the missing addend to make 10.</p>	<p><b>Vocabulary:</b> add, make 10, addend, equation, equal to, five frame, ten frame</p> <p><b>Assess:</b> Read problem to student. <i>I need 10 crayons to fill my</i></p>		

<p>Record the answer using a drawing or writing an equation.</p> <p><b>K.OA.A.5</b> Fluently add and subtract within 10 using mental strategies.</p> <p>Essential Questions:  1). How do I know when to use add + or subtract -?  2). How can adding or subtracting help me?  3). How can we use objects to help us with adding or subtracting problems?</p>	<p>I can fluently add and subtract within 10.</p>	<p><i>crayon box. I have 6 crayons. How many more do I need to fill my box? Show your thinking with objects, pictures, or numbers.</i></p> <p><b>Vocabulary:</b> add, subtract, counting on, counting back</p> <p><b>Assess:</b> (see BCS Kindergarten Assessment Handbook)</p> <ul style="list-style-type: none"> <li>• Ensure that instruction meets the rigor called for by the standard. To help with this, use the <a href="#">Instructional Focus Documents</a> (Use the dropdown to choose what grade-level) and the <a href="#">Go Math Guidance Documents</a></li> </ul>
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**GO Math! Grab-and-Go Differentiated Center Kit:**

**Chapter 5:**

- Pancakes for All* by: Jorge Sanchez  
Blue Activity Card 6
- “Spin to Add” Math Game  
Orange Activity Card 6
- Flowers for Flossie* by: Chenille Davis  
Purple Activity Card 6  
Blue Activity Card 18  
Orange Activity Card 15

**Chapter 6:**

- Numbers at the Lake* by: Susan Nations  
Blue Activity Card 8
- “Sailboat Subtraction” Math Game  
Orange Activity Card 8  
Purple Activity Card 8
- Under the Umbrellas* by: Tyler Wiles  
Orange Activity Card 16  
Purple Activity Card 18

**Literature Connections to Addition**

- Little Number Stories Addition* by: Rozanne Lanczak Williams
- The Happy Hippos* by: Liza Charlesworth
- Mission: Addition* by: Loreen Leedy
- If you were a Plus Sign* by: Trisha Speed Shaskan
- Help Me Learn Addition* by: Jean Marzollo

- Adding It Up* by: Rosemary Wells
- Domino Addition* by: Lynette Long
- Animals On Board* by: Stuart J. Murphy
- Adding with Apes* by: Adele James
- It's Addition!* by: M. W. Penn

**Literature Connections to Subtraction**

*Elevator Magic* by: Stuart J. Murphy  
*Monsters Musical Chairs* by: Stuart J. Murphy  
*It's Subtraction!* by: M. W. Penn

*If you were a Minus Sign* by: Trisha Speed Shaskan  
*Subtracting with Seals* by: Charles Sellers  
*The Doorbell Rang*: by: Pat Hutchins

## Videos

Adding and Subtracting <https://www.youtube.com/watch?v=NHI0ePgwlGU>  
Add 'Em Up! <https://www.youtube.com/watch?v=INHb1RNaMM>  
When You Add Like A Pirate [https://www.youtube.com/watch?v=WT\\_wvvEvkw4](https://www.youtube.com/watch?v=WT_wvvEvkw4)  
When You Subtract Like A Pirate <https://www.youtube.com/watch?v=QkPa9V2wtZs>  
My Dog Addition [https://www.youtube.com/watch?v=\\_OPJBoRN2Aw](https://www.youtube.com/watch?v=_OPJBoRN2Aw)  
My Dog Subtraction <https://www.youtube.com/watch?v=fW14jOEUrI>  
Ways To Make Ten [https://www.youtube.com/watch?v=RiFRb\\_Uoa3U](https://www.youtube.com/watch?v=RiFRb_Uoa3U)

## Major Work of the Grade

Every student should have these skills fully mastered in May.

### Non-negotiable Standards

- \*Know number names and the count sequence (K.CC.A)
- \*Count to tell the number of objects (K.CC.B)
- \*Compare numbers (K.CC.C)
- \*Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from (K.OA.A)
- \*Work with numbers 11 – 19 to gain foundations for place value (K.NBT.A)

### Fluency Expectations

- \*Fluently add and subtract within 10 using mental strategies (K.OA.A.1)

### Problem Solving (with concrete representations)

- \*Solve addition and subtraction word problems, and add and subtract with 10, e.g., by using objects or drawings to represent the problem (K.OA.A.2)

- 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](#)