

## Math Lab - Chapter Map

Week of:	<b><u>Addition &amp; Subtraction</u></b>	<b><u>Multiplication &amp; Division</u></b>
	<p>Chapter 1: Understanding Addition and Subtraction</p> <ul style="list-style-type: none"> <li>Using Models to Represent Addition and Subtraction <ul style="list-style-type: none"> <li>Number Lines</li> <li>Ten Frame Mats</li> <li>Cubes</li> </ul> </li> <li>Write problems on index cards to practice</li> <li>Game Group: Roll and Record</li> </ul>	<p>Chapter 1: Understanding Multiplication and Division</p> <ul style="list-style-type: none"> <li><a href="#">Introducing Concepts of Multiplication and Division</a> <ul style="list-style-type: none"> <li>Party Bags (m)</li> <li>Boxes of Crayons (m)</li> <li>Bookshelves (m)</li> <li>Boxes of Crayons (d)</li> <li>Bookshelves (d)</li> </ul> </li> <li>Game Group: Goldfish Game</li> </ul>
	<p>Chapter 1: Understanding Addition and Subtraction</p> <ul style="list-style-type: none"> <li><a href="#">Exploring the Concepts of Addition and Subtraction through problem</a> <ul style="list-style-type: none"> <li>Word Problems</li> <li>Use models from last week &amp; drawing pictures</li> </ul> </li> </ul>	<p>Chapter 1: Understanding Multiplication and Division</p> <ul style="list-style-type: none"> <li>Using Models to Represent Multiplication and Division <ul style="list-style-type: none"> <li>Arrays</li> <li>Set models</li> <li>Number lines</li> <li>Area models</li> </ul> </li> <li>Game Group: Read Aloud (<i>Each Orange Had 8 Slices</i>)</li> </ul>
	<p>Chapter 1: Understanding Addition and Subtraction</p> <ul style="list-style-type: none"> <li>Exploring operations through children's literature</li> <li>Animals on Board: Cover answer in equations and have students solve independently</li> <li>Game Group: Savvy Subitizing Go Fish, Make Ten</li> </ul>	<p>Chapter 2: Multiplying by Two</p> <ul style="list-style-type: none"> <li>Literature Link: Two of Everything</li> <li>Read Aloud &amp; <a href="#">Doubling Gold Coins</a> Activity</li> <li>Games Group: <a href="#">Rolling for Doubles</a></li> </ul>
	<p>Chapter 2: Plus One and Plus Two</p> <ul style="list-style-type: none"> <li>Literature Link: Mouse Count</li> <li>After Story: <a href="#">Mice in Jars</a></li> <li>Game Group: <a href="#">Spinning more or less</a></li> </ul>	<p>Chapter 2: Multiplying by Two</p> <ul style="list-style-type: none"> <li>A Focus on Pairs</li> <li>Word Problem: Discussion about ways to solve it (2 word problems)</li> <li>Observing Patterns x 2</li> <li>Game Group: Mon: Rolling for Doubles, Tues x2 fact check</li> </ul>
	<p>Chapter 2: Plus One and Plus Two</p> <ul style="list-style-type: none"> <li><a href="#">Word problems</a>, plus 1 and plus 2</li> </ul>	<p>Chapter 3: Multiplying by Ten</p> <ul style="list-style-type: none"> <li>Literature Link: <a href="#">Will Ladybug Hug?</a></li> <li><a href="#">Ladybugs on a Leaf</a></li> </ul>

	<p>Chapter 3: Adding Zero</p> <ul style="list-style-type: none"> <li>Literature Link: Gray Rabbit's 1, 2, 3</li> <li><a href="#">How Many Animals?</a></li> <li>Discuss patterns we see with +0</li> </ul>	<p>Chapter 3: Multiplying by Ten</p> <ul style="list-style-type: none"> <li>Making <a href="#">observations</a> about multiplying by 10s</li> <li><a href="#">x10 Fact Check</a></li> </ul>
	<p>Chapter 3: Adding Zero</p> <ul style="list-style-type: none"> <li><a href="#">Acting out, Word Problems</a> and <a href="#">Making Observations</a></li> <li>Games Group: Roll &amp; +0</li> </ul>	<p>Chapter 4: Multiplying by Five</p> <ul style="list-style-type: none"> <li>Exploring facts with Pennies <ul style="list-style-type: none"> <li>Word Problems</li> <li>Penny Mats</li> </ul> </li> <li>Ratio Tables: Points on a star, Toes on a foot</li> <li>Games Group: Making connections to Money</li> </ul>
	<p>Chapter 4: Adding Ten (Thursday &amp; Friday)</p> <ul style="list-style-type: none"> <li>Literature Link: If You Give A Mouse A Cookie</li> <li><a href="#">Ten More Chocolate Chips</a> activity (Print <a href="#">Cookie cards</a>)</li> <li>Games Group: <a href="#">10 and some more ten frames</a></li> </ul>	<p>Chapter 4: Multiplying by Five (Thursday &amp; Friday)</p> <ul style="list-style-type: none"> <li>Literature Link: Count on Pablo</li> <li>Worksheet: <a href="#">Selling bags of Peppers, etc</a></li> <li>Games Group: <a href="#">Corners</a></li> </ul>
	<p>Chapter 4: Adding Ten</p> <ul style="list-style-type: none"> <li>Para Group: <a href="#">Fact Check</a></li> <li>Exploring <a href="#">+10 on Charts</a>, <a href="#">Making Observations</a></li> </ul>	<p>Chapter 5: Multiplying by One</p> <ul style="list-style-type: none"> <li>Discussion about x1. What does it mean to have 1 set? What does it mean to multiply by 1? (on index cards)</li> <li>x1 <a href="#">Word Problems</a></li> </ul>
	<p>Chapter 4: Adding Ten</p> <ul style="list-style-type: none"> <li>Literature Link: Don't Eat The Teacher</li> <li><a href="#">Sammy Word Problems</a></li> <li><a href="#">Recording Sheet</a></li> </ul>	<p>Chapter 6: Multiplying by Zero</p> <ul style="list-style-type: none"> <li>Literature Link: Where The Wild Things Are</li> <li>Draw <a href="#">Monsters</a> and show x0</li> </ul>
	<p>Chapter 5: Doubles</p> <ul style="list-style-type: none"> <li>Literature Link: Double the Ducks and <a href="#">worksheet</a> to read along</li> <li><a href="#">Double the Animals</a> worksheet</li> </ul>	<p>Chapter 7: Multiplying by Three</p> <ul style="list-style-type: none"> <li>Literature Link: A Three Hats Day</li> <li>Follow up <a href="#">Word Problems</a></li> </ul>
	<p>Chapter 5: Doubles</p> <ul style="list-style-type: none"> <li>Exploring The Facts: Creating Equal Sets</li> <li><a href="#">Word Problems</a> along with <a href="#">Part Part Whole Mat</a></li> </ul>	<p>Chapter 7: Multiplying by Three</p> <ul style="list-style-type: none"> <li>Exploring The Facts: Doubling and Tripling fruit baskets</li> <li><a href="#">Zoo Problem</a></li> <li><a href="#">Fruit Baskets Worksheet</a></li> </ul>

	<p>Chapter 5: Doubles</p> <ul style="list-style-type: none"> <li>• Connecting Doubles to Halves</li> <li>• <a href="#">Are Doubles and Halves the Same?</a></li> <li>• <a href="#">Which Sign?</a></li> <li>• Games Group: <a href="#">Who Has More?</a></li> </ul>	<p>Chapter 8: Multiplying by Four</p> <ul style="list-style-type: none"> <li>• Literature Link: If You Hopped Like A Frog</li> <li>• <a href="#">How Many Legs?</a> activity and <a href="#">Exploring Legs</a> worksheet</li> </ul>
	<p>Chapter 6: Making Ten</p> <ul style="list-style-type: none"> <li>• Literature Link: Ten Apples Up On Top</li> <li>• <a href="#">Making 10 with Yellow &amp; Red Apples</a> <ul style="list-style-type: none"> <li>◦ Use 10 frames &amp; yellow and red chips</li> </ul> </li> </ul>	<p>Chapter 8: Multiplying by Four</p> <ul style="list-style-type: none"> <li>• Observing Patterns between 2s and 4s (<a href="#">Shaded Multiplication Chart</a>)</li> <li>• What comes in <a href="#">4s Brainstorm?</a></li> <li>• <a href="#">Word Problems</a></li> <li>• Games Group: <a href="#">Corners x4</a></li> </ul>
	<p>Chapter 6: Making Ten</p> <ul style="list-style-type: none"> <li>• <a href="#">Cupcake Problems</a></li> <li>• If time: <a href="#">Using 10 frame to find missing number</a></li> </ul>	<p>Chapter 9: Multiplying by Six</p> <ul style="list-style-type: none"> <li>• Literature Link: Snowflake Bentley</li> <li>• <a href="#">How many points?</a> activity</li> </ul>
	<p>Chapter 7: Using Ten</p> <ul style="list-style-type: none"> <li>• Literature Link: Diary of a Worm</li> <li>• <a href="#">Worm Word Problems</a></li> <li>• Use <a href="#">Addition Double 10-Frame Mat</a></li> </ul>	<p>Chapter 10: Multiplying by Nine</p> <ul style="list-style-type: none"> <li>• Literature Link: Cloudy with a Chance of Meatballs</li> <li>• <a href="#">Meatballs Activity</a></li> </ul>
	<p>Chapter 7: Using Ten</p> <ul style="list-style-type: none"> <li>• Practice 8+ and 9+ with <a href="#">recording sheet</a> and <a href="#">fact cards</a></li> </ul>	<p>Chapter 10: Multiplying by Nine</p> <ul style="list-style-type: none"> <li>• <a href="#">x9 Observations</a></li> <li>• Sharing about learning math facts (<a href="#">Math Check In</a>)</li> </ul>
	<p>Chapter 7: Using Ten</p> <ul style="list-style-type: none"> <li>• Practice 8+ and 9+ with <a href="#">fact cards</a></li> <li>• Students choose fact card and create word problems for peers to solve</li> </ul>	<p>Chapter 11: Multiplying by Eight</p> <ul style="list-style-type: none"> <li>• Literature Link: Snowmen at Night</li> <li>• Build snowman on poster with each of the parts</li> <li>• <a href="#">Making Snowmen</a></li> </ul>
	<p>Chapter 8: Using Doubles</p> <ul style="list-style-type: none"> <li>• Literature Link: Fish Eyes</li> <li>• Explore using doubles with snap cubes</li> </ul>	<p>Chapter 11: Multiplying by Eight</p> <ul style="list-style-type: none"> <li>• <a href="#">Snowman Facts</a></li> <li>• Observations about 2s, 4s, and 8s</li> </ul>
	<p>Chapter 8: Using Doubles</p> <ul style="list-style-type: none"> <li>• Review using doubles with snap cubes</li> <li>• <a href="#">Match Em Up activity</a></li> </ul>	<p>Chapter 12: Multiplying by Seven</p> <ul style="list-style-type: none"> <li>• Literature Link: Thunder Cake</li> <li>• <a href="#">Grandma's Cake Ingredients activity</a></li> </ul>

Books	Addition & Subtraction	Multiplication & Division
<b>Chapter 1</b>	<i>Rooster's Off to See the World</i> <i>Animals on Board</i> <i>Elevator Magic</i>	<i>Amanda Bean's Amazing Dream</i> <i>Stacks of Trouble</i> <i>The Doorbell Rang</i> <i>What Comes in 2's, 3's and 4's</i> <i>Each Orange Had 8 Slices</i>
<b>Chapter 2</b>	<i>Mouse Count</i> <i>Fish Eyes</i> <i>Counting Crocodiles</i>	<i>Two of Everything</i>
<b>Chapter 3</b>	<i>Gray's Rabbit 1, 2, 3</i>	<i>The Grouchy Ladybug</i> <i>(I read Will Ladybug Hug? instead)</i>
<b>Chapter 4</b>	<i>If You Give a Mouse a Cookie</i> <i>Don't Eat the Teacher!</i>	<i>Count on Pablo</i>
<b>Chapter 5</b>	<i>Double the Ducks</i> <i>Martha Blah Blah</i>	<i>One Tiny Turtle</i>
<b>Chapter 6</b>	<i>Ten Apples Up on Top</i>	<i>Where the Wild Things Are</i>
<b>Chapter 7</b>	<i>Diary of a Worm</i>	<i>A Three Hat Day</i>
<b>Chapter 8</b>	<i>Fish Eyes</i>	<i>If You Hopped Like A Frog</i>
<b>Chapter 9</b>		<i>Snowflake Bently</i>
<b>Chapter 10</b>		<i>Cloudy with a Chance of Meatballs</i>
<b>Chapter 11</b>		<i>Snowmen at Night</i>
<b>Chapter 12</b>		<i>Thunder Cake</i>
<b>Additional Books</b>		<i>Sea Squares</i> <i>My Full Moon is Square</i>