

	<i>September</i>	<i>October</i>	<i>November</i>	<i>December</i>
<i>Content</i>	<p>Chapter 1: Number Concepts</p> <ul style="list-style-type: none"> Count , read, and write numbers 0-20 Order number words 0-20 Compare numbers 0-10 (<,=,>) Draw pictures to solve problems <p>Chapter 2: Addition Concepts</p> <ul style="list-style-type: none"> Addition concepts Addition stories Addition as part, part, whole. Solve addition sentences using + and = signs Solving addition problems with 0. Understanding order property of addition (5+1=1+5) Finding sums of 7 or 8 using two addends (6+1=7, 5+2+7) Writing addition sentences in vertical form. Writing an addition sentence to solve a story problem 	<p>Chapter 3: Subtraction Concepts</p> <ul style="list-style-type: none"> Subtraction stories Subtraction using part, part, whole Use symbols to subtract (-, =) Write subtraction sentences to show the difference Subtract 0 or find a difference of 0 Subtract from 8 or less Subtract in vertical form Use models to solve subtraction problems Choose a strategy to solve a subtraction problem <p>Chapter 4: Data & Graphing</p> <ul style="list-style-type: none"> Show, read, create, and compare information on tally graphs, bar graphs, and picture graphs Use tally graphs, bar graphs, and picture graphs to solve problems. 	<p>Chapter 5: Addition Strategies Through 10</p> <ul style="list-style-type: none"> Count on to find sums of 10 Use a number line & counting on to find sums of 10 Add using doubles facts and doubles plus 1 Use part, part, whole and number sentences to solve problems Choose a strategy to solve story problems <p>Chapter 6: Subtraction Strategies Through 10</p> <ul style="list-style-type: none"> Count back to subtract Count back on a number line to subtract Show meaning of subtraction by comparing pictures Use part, part, whole to write fact families & solve related addition & subtraction facts Choose & use different strategies to subtract and solve story problems (count back, number line, picture, related facts) Check subtraction problems using related addition facts. 	<p>Chapter 7: Plane & Solid Shapes</p> <ul style="list-style-type: none"> Classify, sort, and compare objects by 1 and 2 attributes. Classify, sort, identify, describe, and compare attributes of plane shapes (sides, corners, circle, triangle, square, rectangle, trapezoid) Classify, sort, identify, describe, and compare solid shapes (edge, face, corner, pyramid, sphere, cone, cube, cylinder, , rectangular prism) Use and choose a strategy to solve story problems Build and draw shapes with defining attributes. Create 2-D and 3-D composite shapes. <p>Chapter 8: Spatial Sense & Patterns</p> <ul style="list-style-type: none"> 8.5-8.7 ONLY Describe, predict, identify, create, & extend repeating and growing patterns. Distinguish between growing and repeating patterns. <p>Chapter 14: Money</p> <ul style="list-style-type: none"> Identify coins & values (penny, nickel, dime, quarter) Show a given amount using different combinations of coins up to \$1.00 Strategies for counting coins (highest number first, place value tens and ones, fives and ones, quarter song) Use coins to solve story problems
<i>Assessment</i>	1 st grade Houghton Mifflin chapter Review/Test.	<ul style="list-style-type: none"> ➤ 1st grade Houghton Mifflin chapter Review/Test. ➤ 1st grade Houghton Mifflin Unit 1 Test. 	<ul style="list-style-type: none"> ➤ 1st grade Houghton Mifflin chapter Review/Test. ➤ 1st grade Houghton Mifflin Unit 2 Test (QUARTERLY ASSESSMNET) 	1 st grade Houghton Mifflin chapter Review/Test.

	<i>September</i>		<i>October</i>		<i>November</i>		<i>December</i>	
<i>Core Standards</i>	<u>CHAPTER 1</u>	<u>CHAPTER 2</u>	<u>CHAPTER 3</u>	<u>CHAPTER 4</u>	<u>CHAPTER 5</u>	<u>CHAPTER 6</u>	<u>CHAPTER 7</u>	<u>CHAPTER 8 (GLCE's)</u>
	1.OA.1.	1.OA.1. 1.OA.3. 1.OA.8.	1.OA.1. 1.OA.3 1.OA.8.	1.OA.1. 1.MD.4.	1.OA.1. 1.OA.3. 1.OA.4. 1.OA.5. 1.OA.6. 1.OA.8.	1.OA.1. 1.OA.3. 1.OA.6 1.OA.8.	1.OA.1. 1.G.1. 1.G.2.	G.SR.01.03 G.SR.01.04 G.SR.01.05 G.SR.01.06
	<u>CALENDAR</u>						<u>CHAPTER 14</u>	1.OA.1
	1.NBT.1.							

	<i>January</i>	<i>February</i>	<i>March</i>	<i>April</i>
<i>Content</i>	<p>Chapter 9: Fractions & Probability</p> <ul style="list-style-type: none"> Identify & count equal parts Use fractions to name parts of a whole (half of, halves, fourths, fourth of, quarters, quarter of) Identify and represent $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ <p>Chapter 10: Place Value To 100</p> <ul style="list-style-type: none"> Make, count, and write tens Regroup objects into tens and ones and write the # Model, read, and write numbers through 100 Identify the place value of numbers through 100 Show two-digit numbers in different ways Use place value, models, pictures, and number sentences to solve problems <p>Chapter 12: Number Patterns (Center Time)</p> <ul style="list-style-type: none"> Skip count by 2's & 5's to 100 Identify 1 more, 1 less, 10 more, and 10 less than a # Identify and find a pattern in odd and even numbers Solve story problems with patterns, pictures, number sentences, and models <p>Chapter 11: Order & Compare #'s</p> <ul style="list-style-type: none"> Order numbers through 100 Identify ordinal #'s 1-10 Estimate a numbers using a group of 10 Compare two two-digit #'s using "greater than" or "less than" and the signs $<$, $>$, $=$ Use a number line to determine $<$, $>$, $=$ 	<p>Chapter 13: Time & Calendar</p> <ul style="list-style-type: none"> Put events in order Compare time Show and tell time by the hour and half-hour using analog and digital clocks Find elapsed time Read and use a calendar to find dates Use information in a table to solve story problems about elapsed time Use strategies (number sentences, models, pictures) to solve story problems <p>Chapter 15: Addition Facts Through 12</p> <ul style="list-style-type: none"> Write sums through 12 by counting on Use a 10 frame to make sums of ten Use making 10 to find sums greater than 10 Use the order property to find sums through 12 Use addition strategies to find sums through 12 Find the sum of three one-digit numbers Write missing addends to solve addition problems Make tables to solve problems Solve story problems using pictures or number sentences 	<p>Chapter 16: Subtraction Facts Through 12</p> <ul style="list-style-type: none"> Solve subtraction facts by counting back Use parts and wholes to subtract facts through 12 Relate addition and subtraction facts to solve problems Use subtraction strategies to find differences Write fact families for numbers 11 & 12. Find different names for the same number ($4+5$, $12-3$) Choose addition or subtraction to solve problems Solve story problems using number sentences, models, or pictures <p>Chapter 19: Addition Facts Through 20</p> <ul style="list-style-type: none"> Find doubles and doubles + 1 for sums through 20 Add numbers 1 through 10 to the number 10 Make a 10 as a strategy to learn addition facts Use different strategies to practice addition (doubles, doubles +1, make a 10, order property) Use parts and wholes to find the same number ($14=6+8$, $14=7+7$) Find the sum of three #'s Write a number sentence to solve a problem 	<p>Chapter 20: Subtraction Facts Through 20</p> <ul style="list-style-type: none"> Subtract by using a doubles fact Use parts and wholes to subtract facts through 14 Subtract from 15 & 16 by using related addition facts Subtract from 17 through 20 by relating addition to subtraction Use subtraction strategies (doubles, parts, & wholes, relate addition and subtraction) to find differences Use addition and subtraction to make fact families Solve problems with too much information <p>Chapter 21: Adding Two-Digit Numbers</p> <ul style="list-style-type: none"> Use basic facts & mental math to add tens Add one digit numbers to two-digit numbers without regrouping Add two-digit numbers without regrouping Use different ways to add (mental math, paper/pencil, calculator) Use guess & check to solve problems Estimate sums Use strategies to solve story problems

	<i>January</i>	<i>February</i>	<i>March</i>	<i>April</i>	
<i>Assessment</i>	<ul style="list-style-type: none"> ➤ 1st grade Houghton Mifflin chapter Review/Test. ➤ 1st grade Houghton Mifflin Unit 3 Test (following chapter 9- minus chapter 8 questions).(QUARTERLY ASSESSMNET) 	<ul style="list-style-type: none"> ➤ 1st grade Houghton Mifflin chapter Review/Test. ➤ 1st grade Houghton Mifflin Unit 4 Test (following chapter 12). ➤ 1st grade Houghton Mifflin Unit 5 Test (following chapter 13) 	<ul style="list-style-type: none"> ➤ 1st grade Houghton Mifflin chapter Review/Test. ➤ 1st grade Houghton Mifflin Unit 6 Test following chapter 16). (QUARTERLY ASSESSMENT) 	1 st grade Houghton Mifflin chapter Review/Test.	
<i>Core Standards</i>	<p><u>CHAPTER 9</u> 1.OA.1. 1.G.3.</p> <p><u>CHAPTER 10</u> 1.OA.1. 1.NBT.2.</p>	<p><u>CHAPTER 12</u> 1.OA.1. 1.OA.6. 1.NBT.5. 1.NBT.6.</p> <p><u>CHAPTER 11</u> 1.NBT.1. 1.NBT.3.</p>	<p><u>CHAPTER 13</u> 1.OA.1. 1.MD.3.</p> <p><u>CHAPTER 15</u> 1.OA.1. 1.OA.2. 1.OA.3. 1.OA.4. 1.OA.5. 1.OA.6. 1.OA.8.</p>	<p><u>CHAPTER 16</u> 1.OA.1. 1.OA.3. 1.OA.4. 1.OA.5. 1.OA.6. 1.OA.8.</p> <p><u>CHAPTER 19</u> 1.OA.1. 1.OA.3. 1.OA.4. 1.OA.6. 1.OA.8.</p>	<p><u>CHAPTER 20</u> 1.OA.1. 1.OA.3. 1.OA.4. 1.OA.6. 1.OA.8.</p> <p><u>CHAPTER 21</u> 1.OA.1. 1.OA.6. 1.OA.8. 1.NBT.4.</p>

	<i>May</i>	<i>June</i>										
<i>Content</i>	<p>Chapter 22: Subtracting Two-Digit Numbers</p> <ul style="list-style-type: none"> • Use basic facts & mental math to subtract tens • Subtract one-digit numbers from two-digit numbers • Subtract two-digit numbers • Use different ways to subtract (mental math, paper/pencil, calculator) • Use addition to check two-digit subtraction • Choose correct operation to solve word problems • Use strategies to solve story problems (models, pictures, number sentences) • Estimate differences <p>Chapter 17: Length & Weight</p> <ul style="list-style-type: none"> • Compare and order length, height, and weight of objects • Estimate and measure length using nonstandard units. • Estimate and measure objects in inches and centimeters using a ruler • Compare and order the weight of objects using nonstandard units • Compare objects to a kilogram • Use logical reasoning to solve word problems 	<p>Chapter 18: Capacity & Temperature</p> <ul style="list-style-type: none"> • Compare and order the capacity of containers • Compare the capacity of cups, pints, quarts, liters, • Understand hot & cold • Choose a reasonable measuring tool to solve problems 										
<i>Assessment</i>	<ul style="list-style-type: none"> ➤ 1st grade Houghton Mifflin chapter Review/Test. ➤ 1st grade Houghton Mifflin Unit 7 Test (following chapter 17 minus capacity & temperature items or after chapter 18) ➤ 1st grade Houghton Mifflin Unit 8 Test (following chapter 22) (QUARTERLY ASSESSMENT) 	1 st grade Houghton Mifflin chapter Review/Test.										
<i>Core Standards</i>	<table border="0"> <tr> <td><u>CHAPTER 22</u></td> <td><u>CHAPTER 17</u></td> </tr> <tr> <td>1.OA.1.</td> <td>1.OA.1.</td> </tr> <tr> <td>1.OA.4.</td> <td>1.MD.1.</td> </tr> <tr> <td>1.OA.6.</td> <td>1.MD.2.</td> </tr> <tr> <td>1.OA.8.</td> <td></td> </tr> </table>	<u>CHAPTER 22</u>	<u>CHAPTER 17</u>	1.OA.1.	1.OA.1.	1.OA.4.	1.MD.1.	1.OA.6.	1.MD.2.	1.OA.8.		No CCSS for this chapter.
<u>CHAPTER 22</u>	<u>CHAPTER 17</u>											
1.OA.1.	1.OA.1.											
1.OA.4.	1.MD.1.											
1.OA.6.	1.MD.2.											
1.OA.8.												

1st Grade Math Pacing Guide

KEY

Items in green need teacher created activities and assessments.

Items in red are not Common Core State Standards.