

August/September 2011

S	M	T	W	T	F	S
			8/31/2011 First day of school	9/1/2011 Routines/Getting Started/Initial Assessments	2 Routines/Getting Started/Initial Assessments	3
4	5 Labor Day No School	6 Routines/Getting Started/Initial Assessments	7 Routines/Getting Started/Initial Assessments	8 Routines/Getting Started/Initial Assessments	9 Routines/Getting Started/Initial Assessments	10
11 For topic 1, emphasize4 COUNTING sorted groups and writing numerals to represent quantity of sorted groups	12 Lesson 1.1.1 Solving a Story Problem	13 Lesson 1.1.2 Matching Color	14 Lesson 1.1.4 Sorting by Color	15 Lesson 1.1.5 More Sorting (Animals, Blobs, Can you wear it?)	16 Lesson 1.2.1 : Collecting, Sorting, and Comparing Data	17
Emphasize sorted sets that are equivalent, more than, less than. And emphasize combining sets: red and blue - 2 and 3 more.	19 Lesson 1.2.2 Sorting in Different Ways	20 Lesson 1.2.3 More Sorting in Different Ways	21 Lesson 1.2.4 Discovering the Sorting Rule	22 Lesson 1.2.5 Interpreting Data	23 Lesson 2.1.1 Solving a Story Problem	24
For topic 2, practice rote counting to 10 and counting up to 10 objects with 1:1 Blast off: 10,9,8????	26 Lesson 2.1.2 Rote Counting to Ten and 2.1.4 Counting Practice	27 Lesson 2.2.3 Counting Pictures and 2.1.5 Counting Picture Groups letters in name	28 Lesson 2.2.1 Collecting, Sorting, and Comparing Data	29 Rosh Hashana	30	1

October 2011

S	M	T	W	T	F	S
<p style="color: red; margin: 0;">Topic 2/ Emphasize rote counting to 10, counting groups to 10, representing quantities to 10 with a numeral</p>	<p style="text-align: right;">3</p> Lesson 2.2.2 Finger Counting	<p style="text-align: right;">4</p> Lesson 2.2.3 More Finger Counting and 2.2.4 Counting Groups	<p style="text-align: right;">5</p> Lesson 2.2.5 Counting Picture Groups	<p style="text-align: right;">6</p> Lesson 3.1.1 Solving a Story Problem	<p style="text-align: right;">7</p> Lesson 3.1.2 and 3.1.3 Focusing on left and right	<p style="text-align: right;">8</p>
<p style="color: red; margin: 0;">Topic 3 represent problems with numerals</p>	<p style="text-align: right;">10</p> Columbus Day	<p style="text-align: right;">11</p> Lesson 3.1.4.and 3.1.5 Positional Language	<p style="text-align: right;">12</p> Lesson 3.2.1 Collecting, Sorting, Representing, and Comparing Data; Into pictograph and weather symbols	<p style="text-align: right;">13</p> Lesson 3.2.2 Introducing 3-Dimensional Shapes	<p style="text-align: right;">14</p> Lesson 3.2.3 Attributes of 3-D Shapes	<p style="text-align: right;">15</p>
<p style="color: red; margin: 0;">Topic 3: Focus on quantity and numeral, and review number words to 9 daily</p>	<p style="text-align: right;">17</p> Lesson 3.2.4 and 3.2.5 Sorting by Various Attributes and Identifying 3-D Shapes	<p style="text-align: right;">18</p> Lesson 3.3.1 Introducing Patterns	<p style="text-align: right;">19</p> Lesson 3.3.2 Identifying and extending patterns	<p style="text-align: right;">20</p> Lesson 3.3.3 Action and Music Patterns and 3.3.4 More Action Patterns	<p style="text-align: right;">21</p> Lesson 3.3.5 Completing Patterns; Create a simple pattern (pattern sponge stamps)	<p style="text-align: right;">22</p>
	<p style="text-align: right;">24</p> Lesson 4.1.2 Identifying Numerals	<p style="text-align: right;">25</p> Lesson 4.1.3 Matching Quantities and Numerals	<p style="text-align: right;">26</p> Lesson 4.1.4 : Forming Numerals 0 to 5; Recognize the numerals 0 to 9	<p style="text-align: right;">27</p> Lesson 4.1.5 Matching Quantities, Numerals, and Number Words	<p style="text-align: right;">28</p> Extra practice writing numerals to 9 and number words	<p style="text-align: right;">29</p>
	<p style="text-align: right;">31</p> Halloween Extra practice writing numerals to 9 and number words					

November 2011

S	M	T	W	T	F	S
		1 Extra practice writing numerals to 9 and number words	2 Lesson 4.2.2 Matching Numbers 0 to 9	3 Lesson 4.2.3 Working with Quantities, Numerals, and Number Words	4 Lesson 4.2.4 and 4.2.5 Ordinal Numbers	5
Topic 4 Focus and writing numerals to 10, recognizing numerals to 10, more exposure to words 0-9	7 Lesson Review Topic 1-4 as needed, esp Quantities, numerals and words 0-9	8 Lesson Review Topic 1-4 as needed, esp Quantities, numerals and words 0-9	9 Lesson Review Topic 1-4 as needed, esp Quantities, numerals and words 0-9	10 Lesson 5.1.1 Solving a Story Problem – Act out	11 Lesson 5.1.2 : Exploring the Idea of Measurement	12
Tri 1 Assessments Redding	14 Lesson 5.1.3 Exploring Length	15 Lesson 5.1.4 Exploring Weight	16 Lesson 5.1.5 Exploring Capacity	17 Lesson 5.2.1 Representing and Interpreting Data/Creating a glyph	18 Lesson 5.2.2 and 5.2.3 Ordering Four Items by Size	no 5.2.4 or 5.2.5
Tri 1 Assessments Redding	21 Lesson 6.1.1 Solving a story problem – act out a story	22 Lesson 6.1.2 Comparing Groups of Objects	23 Early Dismissal	24 Thanksgiving	25 No School	26
Tri 1 Assessments Redding	28 Lesson 6.1.3 Comparing Picture Groups § Compare quantities to 9	29 Lesson 6.1.4 Writing Numerals 6 to 9 § Write numerals 6 to 10	30 Lesson 6.1.5 : Focusing on Fewer, More, Same	Review 1. Count the objects or pictorial items in a group 2. Match quantities, numerals, and number words (to 9) 3. Recognize and read the numerals 0 to 9		

December 2011

S	M	T	W	T	F	S
				1 Lesson 6.2.1 Representing the Same Data	2 Lesson 6.2.2 Ordering Quantities and Comparing Quantities (to 9)	3
4	5 Lesson 6.2.3 Ordering Quantities, Numerals, and Number Words to 9	6 Lesson 6.2.4 Matching and Ordering	7 Lesson 6.2.5 : Putting Numbers in Order; Order numbers from a random starting position; Add one more to a quantity – Take one away from a given quantity	8 Lesson 6.3.1 Collecting, Sorting, Representing, and Interpreting Data § Make a glyph to collect data	9 Lesson 6.3.2 : Exploring the Idea of Part-Part-Total § Describe a quantity as two groups § Identify the total § Show the parts of a total group of concrete objects in different ways	10
T 6 Part part whole/ decompose numbers to ___/ Show all combinations that make the whole	12 Lesson 6.3.3 Showing a Total in Different Ways § Represent two parts of a total, using different colors § Find all the possible combinations of two parts that make the total	13 Lesson 6.3.3 Showing a Total in Different Ways § Represent two parts of a total, using different colors § Find all the possible combinations of two parts that make the total	14 Lesson 6.3.4 Combining Two Groups – Early Addition; Combine Groups to 8 into + sign	15 Lesson 6.3.5 Building a Total § Put two groups of concrete blocks together and also number mats § Build totals up to 8	16 Review decomposing numbers to 9; use + sign the + sign	17
7.2.1 § Build a real graph (3-dimensional) on a graphing mat on the floor § Then color a grid (pictorial representation) of the real graph- really a bar graph § Count § Compare quantities in groups that are randomly ordered	19 Lesson 7.1.1 Solving a story problem; § Show the parts of a total in different ways, including 3 numbers to equal a total	20 Lesson 7.1.2 Introducing 2-D Shapes and 7.2.3 More 2-D Shapes	21 Lesson 7.1.4 Attributes of 2-D shapes	22 Lesson 7.1.5 Identify 2-D Shapes	23 Lesson 7.2.1 Collecting, Sorting, Comparing, and Representing Data	24

January 2012

S	M	T	W	T	F	S
7.3 lessons - note 7.3.1 and 7.3.4 have been skipped		3 Lesson 7.2.2 AND 7.2.3 Identify, representing and sort 2-D Shapes; Sort shape by attributes	4 Lesson 7.2.4 Graphing Pattern Blocks § Identify and name shapes § Create and analyze a pattern block design § Count blocks, compare quantities, use terms most and least § Organize, display, and interpret data] § Use logical reasoning to select 2-D shapes according to one, two, or three attributes	5 Lesson 7.2.5 Sorting by two attributes	6 Lesson 7.3.2 : Identifying and Creating Patterns	7
8	9 Lesson 7.3.3 Identifying and Extending Patterns	10 Lesson 7.3.5 Identifying the Missing Part of a Pattern	11 Lesson 8.1.2 Focusing on Ten; § Describe a quantity as two groups [Missing Addend] § Write the numerals 0 to 10	12 Extra Lesson Combinations to 10 using a ten tray or gr 1 TERC Building # sense p 68	13 Lesson 8.1.3 Finding Missing Numbers § Represent numbers (to 10) § Identify missing numbers in a count-by-ones sequence (to 10) [Missing Addend]	14
A great extra resource is the Grade 1 (1998 edition which is easier than the	16 MLK Day	17 Extra Lesson Combinations to 10 using a ten tray unifix cubes	18 Lesson 8.1.4 Counting on a Number Track § Count forward from a number other than one § Count backward from 10	19 Lesson on counting backwards or review continue 8.1.4	20 Lesson 8.1.5 Combining Groups with + sign § Work with pictorial representations: Combine 2 groups and count to find total (addition) § Count forward from a number other than one § Count backward from 10	21

Kindergarten Math Pacing Calendar 2011-2012

<p>later edition) <i>Number Games and Story Problems</i>, and also <i>Building Number Sense</i>.</p>	<p>No School Tentative staff day</p>	<p>25 Lesson 8.2.2 : Identifying Coins - PENNY ONLY Equate Cent/Penny; § Read the words cent and penny as sight words §</p>	<p>25 Lesson 8.2.3 Combine two groups of pennies and find the total (addition) § Solve simple problems using pennies</p>	<p>26 Lesson 8.2.4 : Separating Stories § Start with a total, remove one part, and find out how many are left Into - sign</p>	<p>27 Lesson 8.2.5 "Take away" More Separating Stories § Act out "take away" stories that start with ten with concrete objects</p>	<p>28</p>
	<p>30 Extra Lesson Lesson with soty problem/adding to 10 and writing number sentence</p>	<p>31 Review Part Part Whole, + and - stories - representing with numbers</p>				

February 2012

S	M	T	W	T	F	S
			1 Review Part Part Whole, + and - stories - representing with numbers	2 Review Part Part Whole, + and - stories - representing with numbers	3 Review Part Part Whole, + and - stories - representing with numbers	4
5	6 Lesson 9.1.1 Solving a Story Problem § Describe a quantity as two groups § Solve simple separating problems (Missing Addend)	7 Lesson 9.1.2 Focusing on 11 and 12 § Rote count to 12 § Describe a quantity of 11 and 12 as two or more groups § Recognize numerals to 12	8 Lesson 9.1.3 Matching Quantities, Numerals, and Number Words to 12 § Use concrete materials to make a quantity that matches	9 Lesson 9.1.4 Counting To and From 15 § Rote count to 15 § Recognize numerals to 15 § Count backward from 15 § Match quantities and numerals to 15 § Order quantities and numerals to 15	10 Lesson 9.1.5 Match Quantities, Numerals, and Number Words to 15 § Represent numbers to 15 § Recognize numerals to 15 (Number Cubes used) § Match quantities and numerals to 15 § Order quantities and numerals to 15	11
12	13 Lesson 9.2.1 Collecting, Sorting, and Comparing Data § Classifying and representing data § Making a Human Graph § Making a Picture Graph § Comparing Data: Comparison Model of Subtraction	14 Lesson 9.2.2 Describing Quantities as Two or More Groups § Identify quantities in illustrations – different arrangements for same total § Match quantities, numerals, and number words to 15 § Describe a quantity as two or more groups	15 Lesson 9.2.3 Combining Groups to 15	16 Lesson 9.2.5 Talking about Teen Numbers § Rote count to 19 § Recognize numerals to 19	17 Lesson 9.2.5 Talking about Teen Numbers	18
19	20	21	22	23	24	25
<div style="background-color: #e0e0e0; padding: 5px; border: 1px solid black; display: inline-block;"> Winter Recess Winter Recess Winter Rece </div>						

Kindergarten Math Pacing Calendar 2011-2012

<p>For Topic 10, Count, count, count units of meas.</p>	<p>27 Lesson 10.1.1 Solving a Story Problem § Counting § Part-part-total experiences § Rote count to 15 § Represent numbers to 15 § Describe a quantity as two or more groups (to 15)</p>	<p>28 Lesson 10.1.2 : Measuring in Units – Length, Volume § New idea: Length and volume can be measured using a measurement unit that can be counted – not just compare two lengths and see which is longer or shorter</p>	<p>29 Lesson 10.1.3 Investigating Body Measures § Use nonstandard units to measure and compare length § Focus is on length of body parts (arms, legs, feet, and hands)</p>			
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March 2012

S	M	T	W	T	F	S
			Redding: Start math assessment at the beginning of March	1 Lesson 10.1.4 Lesson 10.4: Measuring in Units – Capacity, Weight § Use a smaller container to fill a larger container – count cupfuls needed § Compare the capacity of two containers this way § Use cubes to measure weight of object on a pan scale and compare weight	2 Lesson 10.2.1 Collecting, Sorting, and Comparing Data § Find and compare length (really height) using nonstandard units – collecting data § Sort, classify, and compare data § Represent and interpret data – Make a graph and answer questions	3
	5 Lesson 10.2.2 : Exploring Growth and Change	6 Lesson 10.2.3 Counting to Compare Lengths § Recognize that all living things grow and change over time § Describe QUALITATIVE change (growth and change over time) – algebraic § Find and compare length of objects using nonstandard units	7 Lesson 10.2.4 Investigating Sequences in Time; § Describe and order simple events	8 Lesson 10.2.5 Ordering a Sequence of Events – Work cooperatively § Discuss order of events of the day § Use logical reasoning to solve problems related to the order of events in a story § Link to literacy-sequence story events	9 Review and Assess	10
FOCUS!!!!!! For Topic 11 In workbook, instead of just writing numbers, write whole number sentence; when	12 Review and Assess Ladybug Games and Ladybug book	13 Review and Assess Ladybug Games and Ladybug book	14 Review and Assess Ladybug Games and Ladybug book catch up	15 Lesson 11.1.1 Solving a Story Problem – Act out a story problem § Solve problems using number and measurement (length and area)	16 Lesson 11.1.2 Numbers to Twenty § Write numbers 11 to 20 § Rote count to 20 § Recognize numerals to 20 § Order numerals to 20 § Represent numbers to 20 § Act out “take away” model of subtraction – how many would there be left?	17

Kindergarten Math Pacing Calendar 2011-2012

<p>looking at sets 11-19, circle groups of 10 or use a ten frame so that students see a group of 10 and some extras</p>	<p>19 Lesson 11.1.3 Counting Collections § Illustration in Big Book shows that collections with many items do not always occupy more space than collections with fewer items § Count to find which collection is largest and which is smallest § Count items in a collection to 20 § Recognize numerals and represent numbers to 20</p>	<p>20 Teen Number Notebook In Leson Folder</p>	<p>21 Teen Number Notebook</p>	<p>22 Lesson 11.1.4 ad Gr 1 BLM 4.6 Using Five as a Benchmark (or reference number) § Before, children used fingers and five-frames to represent numbers to 10 § Count to 20 or HIGHER – Place special emphasis on multiples of five § Represent numbers to 20 using two pairs of hands o Using fingers to represent numbers – builds strong mental pictures o Children are also learning that fingers can be an invaluable aid to counting</p>	<p>23 Lesson 11.1.5 Exploring Number Arrangements § Rote count to 30 – Emphasize multiples of five § Make and represent equal groups</p>	<p>24</p>
	<p>26 Adding Counting by 10s to 100 activity</p>	<p>27 Lesson 11.2.1 : Representing and Interpreting Data – Glyphs § Introduction to money work done later this week § Collect, sort, and represent data § Interpret data</p>	<p>28 Lesson 11.2.2 Counting Steps § Give or follow directions to move objects from one location to another (Bristol Curriculum) § Count and compare quantities to 20 § Identify left and right</p>	<p>29 Lesson 11.2.4 Adding Pennies § Rote count to 40 and count pennies to 40 § Find total when purchasing more than one item – Solve simple add. problems § Match a variety of representations (coins, numerals, number-word labels) § Recognize word “cents” and symbol ¢</p>	<p>30 Lesson 11.2.5 Separating Pennies § Solve simple separating problems § Match a quantity of pennies with a numeral or number-word label (to 10 ¢) § Rote count to 50 (emphasize multiples of 5) – Then challenge kids to try to go to 50 – Show 50 with fingers</p>	<p>31</p>

April 2012

April 2012						
S	M	T	W	T	F	S
1	2 Lesson 12.1.1 Solving a Story Problem Solving a Story Problem	3 Lesson 12.1.2 Identifying Equal Groups § Identify equal groups § Make and describe equal groups	4 Lesson 12.1.3 Combining Equal Groups § Count to 60, then 70 § Combine equal groups and count to find total	5 Lesson 12.1.4 Exploring the Idea of Fair Shares (Division) § Share items into 2 equal groups – Explore division § Describe fair shares § Share an even number of items between two § Count to 80	<div style="border: 1px solid black; background-color: #f4a460; padding: 10px; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; background-color: white; padding: 5px; text-align: center;"> Good Friday </div> </div>	7
8	9 Lesson 12.1.5 § Rote count to 90 § Describe equal groups § Have an even number of items between two § Solve simple sharing problems	10 Lesson 12.2.1 Collecting, Sorting, and Comparing Data § Which bear character is your favorite? § Make a graph (graphing mat) to represent their favorites § "Write" sentences about the data for bulletin board display	11 Lesson 12.2.2 § Continue to link concept of fair shares to equal groups § Act out the story in order to share even numbers of items between two	12 Lesson 12.2.3 Exploring the Idea of One-Half § Terms "divide" and "half" may have been used by some children on their own before this lesson § Introduces concept of one-half § First focus is on easy-to-visualize concept of regions – using paper folding o Children fold vertically, horizontally, and diagonally § Describe fair shapes	13 Lesson 12.2.4 Finding One-Half of a Set § Share "countable" food at a picnic between two bears – finding one half of a set § Investigation of interrelated ideas of multiplication, division, and fractions is informal in kindergarten	14
15	16	17	18	19	20	21
<div style="border: 1px solid black; background-color: white; padding: 5px; display: inline-block; margin: 0 auto; width: 80%;"> Spring Recess </div>						
22	23 Lesson 12.2.5 Counting to 100 § Building on 100 Day experiences § Say numbers in order – rote count § Count to find the number of items in a picture	24 Review	25 Review	26 Review	27 Review	28
29	30 Review					

May 2012

S	M	T	W	T	F	S
		1 Spill the Beans 8 Sheets from Math Their Way or Cindy	2 Spill the Beans 9 Sheets from Math Their Way or Cindy	3 Spill the Beans 10 Sheets from Math Their Way or Cindy	444 Greater less than Objects Compare Dots Game	5
6	7 Greater than less than Numerals (to 10)	8 Counters in a Cup	9 Play Total of Ten	10 Gr 1Terc Games	11 Gr 1 Terc Games	12
13	14 GR 1 Terc Games	15 K TERC Racing Bears	16 K TERC Racing Bears	17 Read It! Draw it! Solve It! Day 3, 9, 11, independent 12 (isbn 1-57232-434-1 33800)	18 Read It! Draw it! Solve It! 14, 16, 17 Ind 20	19
20	21 Read It! Draw it! Solve It! 22, 24, 26 ind 27	22 Read It! Draw it! Solve It! 28, 29, 58, ind 65	23 Read It! Draw it! Solve It! 30, 36, 52, 78, 33	24 Read It! Draw it! Solve It! One or two more Mixed Problems 74, 69 , 124 125	25 Read It! Draw it! Solve It! Mixed Problems 107, 105, 104. 99	26
27	28		30		31	
	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Memorial Day </div>	<p style="color: red; margin: 0;">Assessments begin</p> <p>Number and Counting Activities – Teacher Choice</p>				

June 2012

S	M	T	W	T	F	S
						2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Last Day