

Mitchell County Schools
2009-2010 Mathematics Pacing Guide

First Grade

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<u>Everyday Math</u>	Units 1 - 3.7	Units 3.8 - 5.7	Units 5.8 - 7	Units 8 – 10
Number & Operations	<p>1.01 Develop number sense for whole numbers through 99. a. Connect model, number word, and number using a variety of representations. c. Read and write numerals. d. Compare and order sets and numbers. e. Build understanding of place value (ones). f. Estimate quantities less than or equal to 100. g. Recognize equivalence in sets and numbers 1-100.</p> <p>1.02 Use groupings of 2's and 5's and 10's with models and pictures to count collections of objects.</p> <p>1.03 Develop fluency with single digits addition and corresponding differences using strategies such as modeling, composing and decomposing quantities, using doubles, and making tens.</p> <p>1.04 Create, model, and solve problems that use addition, subtractions, and fair shares (between two or three).</p>	<p>1.01 Develop number sense for whole numbers through 99. a. Connect model, number word, and number using a variety of representations. d. Compare and order sets and numbers. e. Build understanding of place value (ones, tens). f. Estimate quantities less than or equal to 100. g. Recognize equivalence in sets and numbers 1-100.</p> <p>1.02 Use groupings of 2's and 5's and 10's with models and pictures to count collections of objects.</p> <p>1.03 Develop fluency with single digits addition and corresponding differences using strategies such as modeling, composing and decomposing quantities, using doubles, and making tens.</p> <p>1.04 Create, model, and solve problems that use addition, subtractions, and fair shares (between two or three).</p>	<p>1.01 Develop number sense for whole numbers through 99. a. Connect model, number word, and number using a variety of representations. c. Read and write numerals. d. Compare and order sets and numbers. e. Build understanding of place value (ones, tens). g. Recognize equivalence in sets and numbers 1-100.</p> <p>1.02 Use groupings of 2's and 5's and 10's with models and pictures to count collections of objects.</p> <p>1.03 Develop fluency with single digits addition and corresponding differences using strategies such as modeling, composing and decomposing quantities, using doubles, and making tens.</p> <p>1.04 Create, model, and solve problems that use addition, subtractions, and fair shares (between two or three).</p>	<p>1.01 Develop number sense for whole numbers through 99. a. Connect model, number word, and number using a variety of representations. b. Use strategies to count the number of objects in a set. c. Read and write numerals. d. Compare & order sets and numbers. e. Build understanding of place value (ones, tens). f. Estimate quantities less than or equal to 100. g. Recognize equivalence in sets and numbers 1-100.</p> <p>1.02 Use groupings of 2's, 5's & 10's with models & pictures to count sets of objects.</p> <p>1.03 Develop fluency w/ single digit addition & corresponding differences using strategies such as modeling, composing & decomposing quantities, using doubles, & making tens.</p> <p>1.04 Create, model, and solve problems that use addition, subtractions, and fair shares (between two or three).</p>

First Grade

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<u>Everyday Math</u>	Units 1 - 3.7	Units 3.8 - 5.7	Units 5.8 - 7	Units 8 – 10
Measurement	<p>2.01 For given objects: a. Select an attribute (length, capacity, mass) to measure (use non-standard units).</p> <p>2.02 Develop an understanding of the concept of time. a. Tell time at the hour and half-hour. b. Solve problems involving applications of time (clock and calendar).</p>	<p>2.02 Develop an understanding of the concept of time. a. Tell time at the hour and half-hour. b. Solve problems involving applications of time (clock and calendar).</p>	<p>2.01 For given objects: a. Select an attribute (length, capacity, mass) to measure (use non-standard units). b. Develop strategies to estimate size. c. Compare, using appropriate language, with respect to the attribute selected.</p> <p>2.02 Develop an understanding of the concept of time. a. Tell time at the hour and half-hour. b. Solve problems involving applications of time (clock and calendar).</p>	<p>2.01 For given objects: b. Develop strategies to estimate size.</p> <p>2.02 Develop an understanding of the concept of time. a. Tell time at the hour and half-hour. b. Solve problems involving applications of time (clock and calendar).</p>
Geometry	<p>3.02 Identify, build, and name cylinders, cones, and rectangular prisms.</p>	<p>3.02 Identify, build, and name cylinders, cones, and rectangular prisms.</p>	<p>3.01 Identify, build, draw and name parallelograms, squares, trapezoids, and hexagons. 3.02 Identify, build, and name cylinders, cones, and rectangular prisms. 3.03 Compare and contrast geometric figures. 3.04 Solve problems involving spatial visualization.</p>	<p>3.01 Identify, build, draw and name parallelograms, squares, trapezoids, and hexagons. 3.02 Identify, build, and name cylinders, cones, and rectangular prisms. 3.03 Compare and contrast geometric figures. 3.04 Solve problems involving spatial visualization.</p>
Data, Probability and Statistics	<p>4.01 Collect and organize data using line plots and tallies. 4.02 Describe events as certain, impossible, more likely or less likely to occur.</p>	<p>4.01 Collect and organize data using line plots and tallies.</p>	<p>4.01 Collect and organize data using line plots and tallies. 4.02 Describe events as certain, impossible, more likely or less likely to occur.</p>	<p>4.01 Collect and organize data using line plots and tallies. 4.02 Describe events as certain, impossible, more likely or less likely to occur.</p>

First Grade				
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<i>Everyday Math</i>	Units 1 - 3.7	Units 3.8 - 5.7	Units 5.8 - 7	Units 8 – 10
Algebra	5.01 Sort and classify objects by two attributes. 5.03 Create and extend patterns, identify the pattern unit, and translate into other forms.	5.03 Create and extend patterns, identify the pattern unit, and translate into other forms.	5.01 Sort and classify objects by two attributes. 5.02 Use Venn diagrams to illustrate similarities and differences in two sets. 5.03 Create and extend patterns, identify the pattern unit, and translate into other forms.	5.01 Sort and classify objects by two attributes. 5.02 Use Venn diagrams to illustrate similarities and differences in two sets. 5.03 Create and extend patterns, identify the pattern unit, and translate into other forms.

NCDPI On-line Resources for your use:
http://community.learnnc.org/dpi/math
Instructional Resources (Part I: Week -by- Week Essentials; Part II: Classroom Strategies ; Part III: Indicators)
<i>Everyday Mathematics</i>

Everyday Mathematics

Master Literature list – First Grade

Title	Author	Lesson #	Strand
<i>Jack and the Beanstalk</i>	(no specific version suggested)	4-5	Measurement
<i>Anno's Counting Book</i>	Anno, Mitsumasa	1-4	Counting
<i>Anno's Counting House</i>	Anno, Mitsumasa	4-11	Addition
<i>Two Ways to Count to Ten</i>	Dee, Ruby	3-5	Counting
<i>Deena's Lucky Penny</i>	deRubertis, Barbara	6-9	Money
<i>Lulu's Lemonade</i>	deRubertis, Barbara	9-5	Measuring
<i>Twenty is Too Many</i>	Duke, Kate	2-13	Numbers
<i>Picture Pie: A Circle Drawing Book</i>	Emberley, Ed	8-6	Fractions

First Grade			
Title	Author	Lesson #	Strand
<i>Each Orange Has 8 Slices</i>	Giganti, Paul	3-3	Patterns
<i>The Father Who Had 10 Children</i>	Guettier, Benedicte	8-8	Fractions
<i>Pattern Bugs</i>	Harris, Trudy	3-1	Patterns
26 Letters and 99 Cents	Hoban, Tana	6-9	Counting
Cubes, Cones, Cylinders, & Spheres	Hoban, Tana	7-6	Shapes
The Great Pet Sale	Inkpen, Mick	3-12	Counting
City by Numbers	Johnson, Stephen T.	1-4	Numbers
Follow the Money	Leedy, Loreen	8-2	Money
Fraction Action	Leedy, Loreen	9-6	Fractions
Eating Fractions	McMillan, Bruce	8-6	Fractions
Missing Mittens	Murphy, Stuart J.	3-2	Even/Odd numbers
Just Enough Carrots	Murphy, Stuart J.	5-3	Numbers
Probably Pistachio	Murphy, Stuart J.	5-9	Probability
How Big is a Foot?	Myller, Rolf	4-3	Measurement
How Hungry Are You?	Napoli, Donna Jo and Tchen, Richard	8-8	Fractions
The Warlords' Beads	Pilegard, Virginia Walton	5-1	Place value
It's About Time, Max!	Richards, Kitty	10-2	Time
Cactus Desert, Arctic Tundra	Silver, Donald	10-6	Climate
Tropical Rain Forest	Silver, Donald	10-6	Climate
Let's Count	Tana Hoban	5-1	Counting
Round is a Mooncake: A Book of Shapes	Thong, Roseanne	7-3	Shapes
Welcome to the Green House	Yolen, Jane	10-6	Temperature
Welcome to the Ice House	Yolen, Jane	10-6	Temperature