

Mitchell County Schools
2009-2010 Mathematics Pacing Guide
Kindergarten

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<u>Everyday Math</u>	Units 1 & 2	Units 3 & 4	Units 5 & 6	Units 7 & 8
Number & Operations	<p>1.01 Develop number sense for whole numbers through 30. a. Connect model, number word (orally), and number using of variety of representations. b. Count objects in a set. c. Read and write numerals 0-10. f. Estimate quantities fewer than or equal to 10.</p> <p>1.03 Solve problems and share solutions to problems in small groups.</p>	<p>1.01 Develop number sense for whole numbers through 30. a. Connect model, number word (orally), and number using a variety of representations. b. Count objects in a set. c. Read and write numerals 0-10. (Introduce 0-20) d. Compare and order sets and numbers. f. Estimate quantities fewer than or equal to 10. g. Recognize equivalence in sets and numbers 1-10.</p> <p>1.03 Solve problems and share solutions to problems in small groups.</p>	<p>1.01 Develop number sense for whole numbers through 30. a. Connect model, number word (orally), and number using a variety of representations. c. Read and write numerals 0-20 (Introduce 0-30). d. Compare and order sets and numbers. e. Use ordinals (1st - 10th)</p> <p>1.02 Share equally (divide) between two people; explain.</p> <p>1.03 Solve problems and share solutions to problems in small groups.</p>	<p>1.01 Develop number sense for whole numbers through 30. a. Connect model, number word (orally), and number using a variety of representations. c. Read and write numerals 0-20 (Introduce 0-30). d. Compare and order sets and numbers.</p> <p>1.02 Share equally (divide) between two people; explain.</p> <p>1.03 Solve problems and share solutions to problems in small groups.</p>
Measurement	<p>2.01 Compare attributes of two objects using appropriate vocabulary (color, weight, height, width, length, texture).</p> <p>2.02 Recognize concepts of calendar time.</p>	<p>2.01 Compare attributes of two objects using appropriate vocabulary (color, weight, height, width, length, texture).</p> <p>2.02 Recognize concepts of calendar time; days of the week.</p>	<p>2.02 Recognize concepts of calendar time; months of the year.</p>	<p>2.02 Recognize concepts of calendar time; seasons.</p>

Kindergarten

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<u>Everyday Math</u>	Units 1 & 2	Units 3 & 4	Units 5 & 6	Units 7 & 8
Geometry	3.03 Model and use directional and positional vocabulary. 3.04 Complete simple spatial visualization tasks and puzzles.	3.01 Identify, build, draw and name plane shapes. 3.02 Compare and contrast geometric shapes.	3.04 Complete simple spatial visualization tasks and puzzles. (Multiple solution pattern block designs).	3.04 Complete simple spatial visualization tasks and puzzles.
Data, Probability and Statistics	4.01 Collect and organize data as a group activity. 4.02 Display and describe data with concrete and pictorial graphs as a group activity.	4.01 Collect and organize data as a group activity. 4.02 Display and describe data with concrete and pictorial graphs as a group activity.	4.01 Collect and organize data as a group activity. 4.02 Display and describe data with concrete and pictorial graphs as a group activity.	4.01 Collect and organize data as a group activity. 4.02 Display and describe data with concrete and pictorial graphs as a group activity.
Algebra	5.01 Sort and classify objects by one attribute. 5.02 Create and extend patterns with actions, words, and objects.	5.01 Sort and classify objects by one attribute. 5.02 Create and extend patterns with actions, words, and objects.	5.01 Sort and classify objects by one attribute.	

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)

Everyday Mathematics

Kindergarten

Everyday Mathematics

Master Literature list Kindergarten

Title	Author	Activity	Strand/Topic
<i>Where's My Teddy</i>	Alborough, Jez	1-13	Measurement
<i>Bat Jamboree</i>	Appelt, Kathi	2-9	Counting
<i>Benny's Pennies</i>	Brisson, Pat	6-1	Money
<i>Flower Garden</i>	Bunting, Eve	1-8	
<i>The Secret Birthday Message</i>	Carle, Eric	1-8	
<i>The Grouchy Ladybug</i>	Carle, Eric	8-3	Clocks and Calendars
<i>Jesse Bear, What Will You Wear?</i>	Carlstrom, Nancy White	5-1	Clocks and Calendars
<i>Five Little Monkeys Jumping on the Bed</i>	Christelow, Eileen	1-4	Counting
<i>The April Rabbits</i>	Cleveland, David	2-6	Counting
<i>Two Ways to Count to Ten</i>	Dee, Ruby	6-10	Numeration
<i>Picture Pie</i>	Ed Emberley	7-4	Shapes
<i>Picture Pie 2</i>	Ed Emberley	7-4	Shapes
<i>The King's Commissioners</i>	Friedman, Aileen	6-14	Counting
<i>The Big Buck Adventure</i>	Gill, Shelley, and Toola, Deborah	8-7	Money

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Title	Author	Activity	Strand/Topic
<i>How Many Feet in the Bed?</i>	Hamm, Diane Johnston	6-10	Counting
<i>A Bargain For Frances</i>	Hoban, Russell	8-8	Money
<i>More, Fewer, Less</i>	Hoban, Tana	8-14	Operations
<i>Changes, Changes</i>	Hutchins, Pat	1-2	Visual and Auditory Patterns
<i>Rosie's Walk</i>	Hutchins, Pat	2-3	Spatial Relationships
<i>The Doorbell Rang</i>	Hutchins, Pat	6-11	Numeration
<i>The Quilt</i>	Jonas, Ann	1-2	Visual and Auditory Patterns
<i>Splash!</i>	Jonas, Ann	2-14	Operations
<i>Pet Show!</i>	Keats, Ezra Jack	5-13	
<i>Wacky Wednesday</i>	LeSieg, Theo	3-10	Data and Probability
<i>Chugga-Chugga Choo-Choo</i>	Lewis, Kevin	3-13	Operations
<i>Inch by Inch</i>	Lionni, Leo	5-11	Measure and Size
<i>I Spy</i>	Marzollo, Jean and Wick, Walter	5-3	Sorting
<i>My Grandmother's Clock</i>	McCaughrean, Geraldine	8-2	Clocks and Calendars
<i>12 Ways to Get to 11</i>	Merriam, Eve	7-3	Operations
<i>"The Tortoise and the Hare"</i>	Multiple Authors	6-4	Clocks and Calendars
<i>"The Three Bears"</i>	Multiple Authors	2-3	
<i>"The Three Billy Goats Gruff"</i>	Multiple Authors	2-3	
<i>"The Gingerbread Boy"</i>	Multiple Authors	4-4	Operations
<i>Moira's Birthday</i>	Munsch, Robert	1-8	
<i>Beep Beep, Vroom Vroom!</i>	Murphy, Stuart J.	1-9	Visual and Auditory Patterns
<i>Circus Shapes</i>	Murphy, Stuart J.	2-1	Shapes
<i>The Best Bug Parade</i>	Murphy, Stuart J.	3-7	Measurement

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<i>Mighty Maddie</i>	Murphy, Stuart J.	3-12	Measurement
<i>3 Little Firefighters</i>	Murphy, Stuart J.	4-13	Sorting
<i>Captain Invincible and the Space Shapes</i>	Murphy, Stuart J.	6-3	Shapes
<i>The Best Vacation Ever</i>	Murphy, Stuart J.	6-5	Data and Chance
<i>Give Me Half!</i>	Murphy, Stuart J.	6-16	Numeration
<i>Animals on Board</i>	Murphy, Stuart J.	7-6	Operations
<i>How Big Is a Foot?</i>	Myller, Rolf	5-7	Measure and Size
<i>Arctic Fives Arrive</i>	Pinczes, Elinor J.	5-8	Numeration
<i>The Button Box</i>	Reid, Margarette S.	1-6	Sorting
<i>One Hundred Is a Family</i>	Ryan, Pam Muñoz	3-15	Counting
<i>One Is a Snail, Ten Is a Crab</i>	Sayre, April Pulley and Jeff	8-9	Numeration
<i>And to Think That I Saw It on Mulberry Street</i>	Seuss, Dr.	3-10	Data and Probability
<i>Caps For Sale</i>	Slobodkina, Esphyr	3-14	
<i>Selina and the Bear Paw Quilt</i>	Smucker, Barbara	1-2	Visual and Auditory Patterns
<i>Math Fables</i>	Tang, Greg	7-16	Operations
<i>Little Quack</i>	Thompson, Lauren	5-5	Numeration
<i>Grandfather Tang's Story</i>	Tompert, Ann	4-10	Geometry
<i>Mouse Count</i>	Walsh, Ellen Stoll	2-14	Counting
<i>Emily's First 100 Days of School</i>	Wells, Rosemary	1-5	100th Day
<i>I Went Walking</i>	Williams, Sue	7-15	Patterned Language
<i>A Chair for My Mother</i>	Williams, Vera B.	8-8	Money
<i>The Little Mouse, the Red Ripe Strawberry, and the Big Hungry Bear</i>	Wood, Don and Audrey	6-16	Numeration

