Monthly Math Focus*

Theme	Target *(Area of Emphasis)*	Scope and Sequence Objectives	
1. Friends	**Target 2: Pre-Algebra** *Free Exploration* *Sorting and Classifying*	2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8	Sorts and describes objects by attributes—color, shape, size, type (D) Matches similar objects (D) Compares and contrast objects (D) Recognizes and explains how objects can be classified (D) Classifies objects by sets using one attribute (D) Classifies and reclassifies objects (D) Classifies objects by sets using more than one attribute (D) Classifies on the basis of "as many as" or "equal" (D)
2. Be My Neighbor	**Target 2: Pre-Algebra** *Patterning* *Sequencing*	2.9 2.10 2.11 2.12 2.13 2.14 2.15	Distinguishes between "all" and "some" (D) Identifies repeating patterns/sequences (D) Duplicates a pattern (D) Extends a pattern (D) Creates original patterns(D) Translates a pattern into a different form (D) Models a mathematical problem using manipulatives (D)

**3. Deep
     in the
     Forest**
	Target 1: Number *Operations*
	One-to-One
	Number to 5
		1.1
		1.2
		
		1.3
		1.4
		1.5
		1.6
		1.7
		1.8
			Arranges two sets of objects in one to one correspondence (I)
			Arranges two sets of objects in one to one correspondence to establish the concept of "as many as" or "equal", "more than", and "less than" (I)
			Rote counts to 20 by ones (D)
			Counts backwards from 10 to 0 (D)
			Orders numbers 0 to 10 (I)
			Writes numerals 0 to 10 (I)
			Identifies numbers 0 to 10 that come before, after, and in between (I)
			Associates a number with a group of objects (I)

4. Giving	**Target 3: Geometry**	3.1	Compares objects by size, color, shape, pitch, and weight (D)

Gifts	*Shapes, Sizes*	3.2	Sorts objects by size, color, and shape (D)
		3.3	Arranges and orders objects according to size, shades, etc. (D)
		3.4	Places steps in a process in sequential order (D)
		3.5	Identifies and fits pieces of puzzles or shapes that go together (D)
		3.6	Experiences and describes relative positions, directions and distances of things (inside/outside, above/below, behind/in front, on/under, toward/away) (I)
		3.7	Identifies circle, square, triangle, and rectangle (I)
		3.8	Draws circle, square, triangle, and rectangle (D)
5. We are Family	**Target 1: Number** *Operations Number to 10*	1.3	Rote counts to 20 by ones (I)
		1.4	Counts backwards from 10 to 0 (D)
		1.5	Orders numbers 0 to 10 (I)
		1.6	Writes numerals 0 to 10 (I)
		1.7	Identifies numbers 0 to 10 that come before, after, and in between (D)
		1.8	Associates a number with a group of objects (D)
		1.15	Counts by twos, fives, and tens (P)
		1.16	Recognizes ordinal numbers first through fifth (P)
6. Brrr! It's Cold!	**Target 1: Number** *Operations Number to 12* **Target 3:** *Geometry*	1.3	Rote counts to 20 by ones (I)
		1.4	Counts backwards from 10 to 0 (D)
		1.5	Orders numbers 0 to 10 (I)
		1.6	Writes numerals 0 to 10 (I)
		1.7	Identifies numbers 0 to 10 that come before, after, and in between (D)
		1.8	Associates a number with a group of objects (D)
		1.9	Makes a model to represent a number 0 to 20 (D)
		1.12	Groups objects by sets of tens and ones (P)
		1.13	Records tens and ones (P)
		1.14	Reads numbers 0 to 100 (P)
		3.9	Identifies three dimensional shapes (D)
		3.10	Identifies equal parts of a whole (D)
		3.11	Identifies equal parts of a set (D)
		3.12	Identifies ½, ¼, and ⅓ (P)
7. Wonderfully Made	**Target 4: Measurement** *Nonstandard Measurement*	4.1	Selects and uses appropriate measuring tools (D)
		4.2	Compares and describe length and size (long, longer, longest, same length, etc.) (D)

	Weight *Volume* **Target 5: Data Analysis and Probability** *Estimating*	4.3 4.4 4.5 4.6 4.7 4.8 4.9 4.10 4.11 4.12 4.13 4.14 4.15 4.16 4.17 4.18 5.5	Measures length by non-standard units of measurement (D) Measures length with standard units of measurement (P) Measures area with concrete objects (P) Compares and describes distance (nearer, farther, close to, etc.) (D) Estimates and measures capacity in non-standard units (D) Measures capacity in standard units: teaspoon, tablespoon, cup (P) Compares and describes temperature (hotter, colder, etc.) (D) Describes how a thermometer denotes temperatures (P) Compares and describes different rates of speed (fast, faster, fastest; faster/slower, etc.) (D) Compares the weight of two objects and the capacity of two containers Observes and describes seasonal changes (D) Orders sequence of events (before, after, at the same time, etc.) (D) Describes and represent past events (D) Observes instruments that are used to mark the passage of time (clocks, watches, calendars) (D) Names the seven days of the week D) Tells time to the hour (I) Estimates quantity, capacity, weight, length, and height (D)
8. Moving On	**Target 1: Number and Operations** *Beginning Addition and Subtraction* **Target 6:** **Problem Solving** *Process*	1.10 1.11 6A.4 6A.5 6A.6	Models addition through sums of 10 with manipulatives (D) Models subtraction with minuends of 10 using manipulatives (P) Draws pictures to solve addition equations (P) Draws pictures to solve subtraction equations (P) Uses symbols to record addition/subtraction problems (D)
9. Off We Go	**Target 1: Number and Operations** *Number to 20+*	1.3 1.4 1.5 1.6 1.7 1.8	Rote counts to 20 by ones (D) Counts backwards from 10 to 0 (D) Orders numbers 0 to 10 (I) Writes numerals 0 to 10 (I) Identifies numbers 0 to 10 that come before, after, and in between (D) Associates a number with a group of objects (D)

		1.9 Makes a model to represent a number 0 to 20 (D)
		1.10 Models addition through sums of 10 with manipulatives (D)
		1.12 Groups objects by sets of tens and ones (I)
		1.13 Records tens and ones (I)
		1.14 Reads numbers 0 to 100 (I)
		1.16 Recognizes ordinal numbers first through fifth (I)
		4.19 Identifies, penny, nickel, dime, quarter, and dollar (D)
		4.20 Identifies the value of penny, nickel, dime, quarter, and dollar (D)
		4.21 Counts groups of pennies to ten cents (D)
		4.22 Distinguishes the greater and lesser value of coins (D)

*Target 5: *Data Analysis(5.1 – 5.4) and Probability* and **Target 6:** *Problem Solving (6A.1 – 6A.3)* are include every month in each DLG (weekly graphs, estimating, problem solving activities)

Target Skills 6A.3?, 6B, 6C, 6D, 6E?