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Draft Sequence

1 message

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Hi,

I am attaching a draft of a sequence of topics for the rest of the year (Volume 2.)

I have set up **two rotations** of content based on Big Ideas of Mathematics so that children 'revisit' content and not be expected to see it once and remember it. This is especially true for children who are challenged by mathematics.

Measurement (Parts A and F)**Computation** (Parts C and G)**Graphing** (Parts D and H)**Shapes** (Part E (2-dimensions and Part I (3-dimensions.))

In this way, the Sequence is based on an **Instructional Logic** and the idea that:

Similar Content should not be initially taught at the same time.

So I separated

- a. Metric and Customary Measurement, **(A and F)**
- b. Addition/Subtraction of 3 digit numbers **(C and G)**
- c. Graphing- (Grouping Picture/Tally graphs together and then Line Plots/Bar Graphs) **(D and H)**
- d. Two-dimensional and three-dimensional figures **(E and I)**

Finally at the end, I placed **Adding and Subtracting on the Number Line.**

Since toward the end of the year the children will have a solid idea about addition and subtraction through the use of concrete materials (base 10 blocks) and symbols, they will be better able to handle the somewhat theoretical view using the number line.

Any edits/comments/revisions are welcomed. If you wish, send me your thoughts before we meet on Thursday.
We will discuss this on Thursday.

Enjoy the day.

Take care,

Frank

 Draft-Milltown Gr.2 Sequence .xlsx
14K

Grade 2 Sequence (1st Draft)

Sections		Topics	Pages
A	Measuring with the Metric System		
	12-5 to 12-7	Measuring with cm and meters	717 to 740
		Creating a Metric Ruler (to 30 cm)	
B	Using 3-Digit Numbers		
	9-1 to 9-4	Reading and Writing 3-Digit Numbers	511 to 534
C	Adding 3-Digit Numbers		
	10-1	Adding with Models	585 to 590
	10-2	NOT DONE	-----
	10-3	Adding with Sub-Totals	597 to 606
	10-4	Adding with Trading (Models and Symbols)	609 to 614, 621 to 626
D	Graphing Data		
	14-4	Picture Graphs to Tally Plots	821, 823, 836 to 837
E	2-Dimensional Shapes	Triangle, Rectangle, Pentagon, Hexagon	
	15-1 to 15-2	Sides, Angles and Vertices	859 to 870
	15-3	Drawing 2-Dimensional Shapes	871 to 876

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Grade 2 Sequence (1st Draft)

F	Measuring with the Customary System		Inches, Feet, Yards	
	12-1		Estimating Using Thumb and Forearm	693 to 696
	12-2		Measuring with an Inch and a Foot	699 to 702
			Creating a Foot Ruler	
	12-3 to 12-4		Measuring with Inch, Foot, Yard	705 to 716

G	Subtracting 3-Digit Numbers			
	11-1		Subtracting with Models	637 to 640
	11-2		NOT DONE	
	11-3 to 11-5		Subtracting with Trading (Models and Symbols)	661 to 666

H	Graphing Data			
	14-1 to 14-2		Line Plots	807 to 814
	14-3		Bar Graphs	815 to 820

I	3-Dimensional Shapes			
	15-4		Cubes	877 to 881

J	Adding on a Number Line			
	10-2		Adding on an Open Number Line	591 to 596

K	Subtracting on a Number Line			
	11-2		Subtracting on an Open Number Line	643 to 648