

Falmouth Public Schools

School: Lunt

Content Area: Math

Grade Level: 2

<p>WHAT IS IT WE WANT ALL STUDENTS TO KNOW OR BE ABLE TO DO?</p>	<p>WHAT INSTRUCTIONAL STRATEGIES* AND RESOURCES WILL TEACHERS REGULARLY USE?</p>
<p><u>NUMBERS</u> Read and write numbers to 1,000 (using numerals) Recognize place values of digits in numbers (hundreds, tens, ones) Compare and order 1-, 2-, and 3-digit numbers Add and subtract numbers with one and two digits Students recognize unit fractions including $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$</p> <p><u>DATA</u> Use sequences of hours in a day, days in a week, and months in a year Tell time to the hour and half hour Identify the value of different coins Find the total value of collections of coins up to \$1.00 Read temperature on thermometers marked with one-degree intervals Read, construct, and interpret picture graphs</p> <p><u>GEOMETRY</u> Identify shapes in the physical environment Classify circles, triangles, and quadrilaterals by focusing on their properties Measure length and capacity of objects using non-standard units Measure the length of objects to whole inches and centimeters</p> <p><u>ALGEBRA</u> Show that any quantity can be represented by multiple equivalent expressions where each represents the quantity 10 Know that addition is commutative and apply this to computation and problem-solving Know that addition and subtraction are inverse operations and apply this knowledge in computation and problem-solving Identify true and false number sentences, describe what makes them T or F Find solutions in simple open number sentences, such as $12 = 4 + []$ Describe, extend, identify, and create repeating and growing patterns, given a pattern or rule.</p>	<p>Everyday Math (EDM) units 1 and 3 EDM units 1 and 3</p> <p>EDM units 1 and 6 EDM units 2, 4 and 6, Daily Math Facts EDM unit 8 (students are expected to recognize parts of a whole)</p> <p>EDM units 1 and 3 and daily calendar activities</p> <p>EDM unit 3, Note time daily at top of EDM pages EDM units 1, 3 and 4 EDM units 3 and 4 EDM unit 4, Thermometer practice through daily calendar activities and 2nd grade weather unit EDM units 3, 6 and 7</p> <p>EDM unit 5 EDM unit 5</p> <p>EDM units 4 and 9</p> <p>EDM units 4, 7 and 9</p> <p>EDM units 2 and 7</p> <p>EDM unit 2, Daily Math Facts EDM unit 2, Daily Math Facts</p> <p>EDM unit 2</p> <p>EDM unit 2, and throughout EDM mathboxes</p> <p>EDM unit 2, 7 and throughout EDM mathboxes</p>

* Within each lesson, Everyday Math delineates very specific strategies to use when teaching each concept. Teachers will use the 2nd grade key vocabulary found throughout the EDM program as each concept is explored and revisited.

In addition, teachers will use strategies for reading informational texts, as outlined on the 2nd Grade Reading Template:

- Guide students to use organizational text features to locate information in the Student Reference Book.
- Show the students how the text works- purpose for text features such as pictures, captions, headings
- Teach students to identify key vocabulary in written instructions and model how to follow one or two step written instructions

WHAT EVIDENCE WILL BE USED TO MEASURE STUDENT GROWTH?	HOW WILL TEACHERS DIFFERENTIATE INSTRUCTION BASED ON STUDENT NEED?
<p>Everyday Math assessments, with a few items deleted or added by teachers to reflect MLRs and teacher judgment</p> <p>Math boxes in EDM EDM journal work EDM Home Links</p> <p>Whiteboard work Oral assessment Teacher observation Games</p> <p>Level IIs: Facts Recall 2 Digit Whole # Computation Problem Solving</p> <p>Add/Sub facts checks</p>	<p>“Readiness” (reteaching) activities provided in each EDM lesson led by classroom teacher, parent volunteer, or RTI staff, to individuals or small group</p> <p>Reteach and review skills and strategies as students self-correct their work</p> <p>Use of manipulatives to address concepts in a more concrete manner</p> <p>Resource room modifications</p> <p>“Enrichment” activities in each EDM lesson led by classroom teacher or parent volunteer</p> <p>Star Math, Sunshine Math, Figure It Out, Otter Creek and a variety of other enrichment extensions</p>

PACING SCHEDULE
<p>Teachers are expected to teach units 1 through 9 in the course of the school year. Accordingly, unit 3 is to be completed by mid-December, unit 6 by mid-March, and unit 9 by mid-June. If teachers complete units earlier, they may teach lessons from units 10-12 at their discretion based on student readiness, as well as review EDM games and concepts and focus on math fact fluency. Teachers are expected to begin daily math facts practice by January.</p>