

1st Grade Math Framework

Not all of the content is emphasized equally in the standards. Some clusters require greater emphasis than the others based on the depth of the ideas, the time that they take to master, and/or their importance to future mathematics or the demands of college and career readiness. In addition, an intense focus on the most critical materials at each grade allows depth in learning which is carried out through the Standards for Mathematical Practice.

The following table identifies the major clusters = ■ , supporting clusters = ■ , and additional clusters = ■ and the order in which they should be covered in the scope of the school year. Major clusters are those requiring more time and emphasis in the classroom. Students should demonstrate mastery in these areas. Resource tools have been identified as well as math vocabulary by trimester. It's essential that students learn the concepts, develop fluency in that concept, and that students can apply the concept in problem solving.

	Domain/Cluster Emphasis	Tools	Vocabulary
1 st Trimester	<p>Operations and Algebraic Thinking</p> <ul style="list-style-type: none"> ■ Represent and solve problems involving addition and subtraction ■ Understand and apply properties of operations and the relationship between addition and subtraction ■ Add and subtract within 20 ■ Work with addition and subtraction equations 	<p>EnVision Topics – 1, 2, 3, 4, 5, and 6 Elementary Share File Online Resources Other</p>	<p>adding to, taking from, putting together, taking apart, comparing, unknown, sum, less than, equal to, minus, subtract, the same amount as, and (to describe + symbol), order, first, second, addition, subtraction, counting all, counting on, counting back, equations, equal</p>
2 nd Trimester	<p>Number and Operations in Base Ten</p> <ul style="list-style-type: none"> ■ Extending the counting sequence ■ Understand Place Value ■ Use place value understanding and properties of operations to add and subtract <p>**Ongoing Fact Fluency and Problem Solving from Trimester 1</p>	<p>EnVision Topics – 7, 8, 9, 10, and 11 Elementary Share File Online Resources Other</p>	<p>number words 0 – 120, tens, ones, bundle, left-overs, singles, groups, greater/less than, equal to</p>
3 rd Trimester	<p>Measurement and Data</p> <ul style="list-style-type: none"> ■ Measure lengths indirectly and by iterating length units ■ Tell and write time ■ Represents and interpret data <p>Geometry</p> <ul style="list-style-type: none"> ■ Reason with shapes and their attributes <p>**Ongoing Fact Fluency and Problem Solving from Trimester 1</p>	<p>EnVision Topics – 12, 13, 14, 15, and 16 Elementary Share File Online Resources Other</p>	<p>measure, order, length, height, more, less, longer than, shorter than, first, second, third, gap, overlap, about, a little less than, a little more than, time, hour, half-hour, about, o'clock, past, "six"-thirty, data</p>