



Math Terms to Know {for 1st Grade Families}

Below are a group of terms and phrases you'll hear throughout the year. These five mathematical concepts (ten frame, subitizing, 120s chart, number sense, place value) are integrated throughout each unit we teach and are year-long skills we will hone.

Common Core

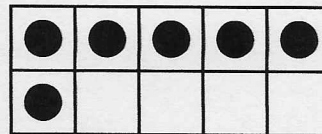
www.corestandards.org

The Common Core State Standards are expectations our state has adopted to provide a framework for teaching, answering the question - what should our students know by the end of the year? As a school, we use specific curriculum to guide the methods we use to teach the Common Core Standards.

Ten Frame

a structured way to work with numbers within 10

WHY? { Develops mental-math abilities and sets foundation for regrouping }



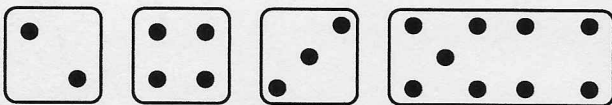
$$\underline{\quad} + 6 = 10$$

$$10 = 6 + \underline{\quad}$$

Subitizing

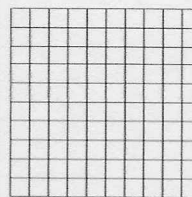
the ability to quickly identify the number of items in a small set without counting

WHY? { Subitizing helps students create a mental picture & builds number sense. }



120s Chart

a number line formatted so students can easily identify number patterns



{ Understanding the 120s Chart allows students to see patterns within number sequences, as well as, easily work with 10 more/less, 1 more/less. Creates automaticity with numbers. }

Number Sense

an understanding of number relationships that allows students to work mathematical problems without a traditional algorithm

WHY? { A solid understanding of numbers allows students to conceptualize numbers - What is 10 less/more? Which number is greater/less than? What happens if I double a number? What does a ten look like? }

Place Value

numerical value of a digit based on its position

WHY? { Place value allows students to understand that 15 is not a "1" and a "5"; rather, it is a group of 10 and 5 ones. }

H	T	O
0	6	5

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