

Unit: Mathematical Thinking at Grade 1

This unit spends time establishing routines and expectations. Students solve math problems in a way that makes sense to them and explore materials and use them to model math situations.

<p style="text-align: center;">+</p> <p style="text-align: center;">combining adding joining</p> <p>Examples: Unknown outcome $8 + 2 = \underline{\quad}$ or unknown change $4 + \underline{\quad} = 6$</p>	<p>Strategies:</p> <p>Using tools Or Counting on (with or without tools)</p> <p>Practice: Play Compare or Double Compare (Similar to “War”)</p> <p>Have the child count a number of cubes into a bag (no more than 7) and pull out a few asking the child how many are left in the bag.</p> <p>Roll a die and then roll another to add the two together.</p>
<p style="text-align: center;">-</p> <p style="text-align: center;">separating comparing take away subtracting</p> <p>Examples: Unknown outcome $6 - 2 = \underline{\quad}$ or unknown change $8 - \underline{\quad} = 2$</p>	<p>Strategies:</p> <p>Using tools OR Counting On or Counting Down (with or without tools)</p> <p>Practice: Use a number line to help keep track when counting on or counting back.</p>
TOOLS	Blocks, drawings, beans, fingers, etc.
Online Practice	Ordering Numbers – Click on objective to select the appropriate numbers Count Us In Matching numbers to words

Computation Focus: Finding combinations of numbers up to 10

Some students will be using tools and counting all the objects.

Others will start at a number like 8 and then count on two more or count back two.

Number Line

