

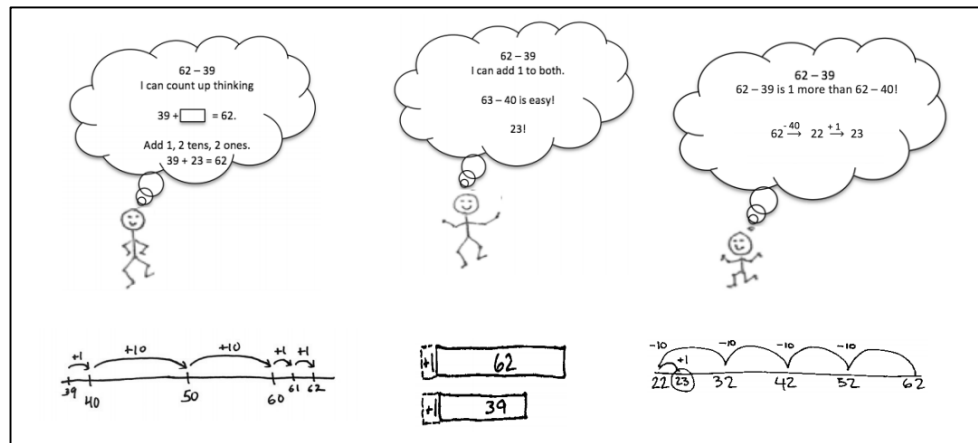


A Story of Units...

Addition and Subtraction Skills

Second graders build on their addition and subtraction skills by using and understanding, different ways to show their work. In these modules, the size of the

numbers they work with increases, and through activities and modeling, the students learn about the relationship between addition and subtraction.



In Modules 4 and 5 we will:

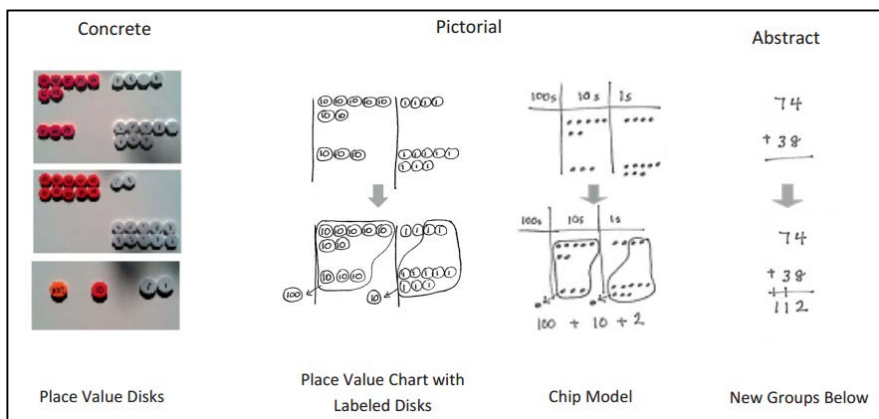
- **Represent and solve** word problems using addition and subtraction within 100
- Fluently add and subtract **within 100** using properties of operations, place value, and an understanding of the relationship between addition and subtraction
- Demonstrate **sophisticated** addition and subtraction: add up to four two-digit numbers, add and subtract within 1000 using multiple representations, and mentally add or subtract 10 or 100 to any given number from 100-900
- Confidently **explain** the relationship between addition and subtraction

Enrichment Activities

In school, your child will...	At home, your child can...
<p>Solve increasingly more complex word problems involving addition and subtraction.</p> <p>Progress in how they approach and understand addition and subtraction problems.</p>	<p>Help solve different everyday addition and subtraction problems (at the grocery store or restaurant) to see the application of the concepts.</p> <p>Discuss addition and subtraction problems from different perspectives - place value groupings, comparisons, subtraction as an addition problem with an unknown, etc.</p>

Focus Standards for Mathematical Practice

- Make sense of problems and persevere in solving them
- Reason abstractly and quantitatively; students represent quantities with numerals
- Use reasoning to construct arguments and think about the reasoning of others
- Model decompositions by drawing and writing (i.e., 3 can be broken into 1 and 2)
- Use precision and focus when solving a problem
- Look for and make use of structure
- Look for and express regularity in repeated reasoning



Fluency Focus

After discussing place value through our explorations in addition and subtraction, students work on fluency in place value using games with manipulatives. As we have all year, students also work on developing addition and subtraction fluency with increasingly larger numbers.