

The background of the slide features a row of ten base ten blocks, each composed of ten smaller cubes. The blocks are colored in a repeating sequence of red, orange, yellow, green, blue, and purple. Below the blocks is a horizontal number line with arrows at both ends. Colored dots are placed on the number line, corresponding to the colors of the blocks above them: red, blue, yellow, green, orange, purple, red, blue, yellow, and green. The title "Addition and Subtraction Within 100" is written in large white text across the middle of the slide, with the number line and blocks visible behind it.

Addition and Subtraction Within 100

A Grade 2 math adventure with numbers up to 100

What We Will Learn Today

- We add numbers up to 100.
- We subtract numbers up to 100.
- We find missing numbers in a sum or difference.
- We check our answers with the opposite operation.

Ways to Add Two-Digit Numbers

1

Make a ten

Break apart a number to build a group of ten first.

2

Use doubles

Use a known double, like $20+20$, to help solve a new problem.

3

Add tens, then ones

Add the tens together, then add the ones together.

4

Check your work

Use subtraction to check that your sum is correct.

Addition and Subtraction Are Connected

Addition

Addition puts numbers together to find a sum. We can find a missing number in an addition problem.

Subtraction

Subtraction takes away or compares numbers to find a difference. We check a difference using addition.

Solve It: The Class Bake Sale

Using addition and subtraction to solve a real problem

Our class baked 47 cookies on Monday. We baked 38 more cookies on Tuesday. How many cookies do we have now? Later, we sold 62 cookies. How many cookies are left? Students solve problems using addition and subtraction of countable quantities.

Great Work, Mathematicians!

Today we added and subtracted numbers up to 100 using strategies like making tens and using doubles. We also learned that addition and subtraction check each other. Next year we will use these same ideas with numbers up to 1000.

Can you think of a strategy you would use to solve $56 + 27$, and why?