

Grade 2 Overview

Operations and Algebraic Thinking

- Represent and solve problems involving addition and subtraction.
- Add and subtract within 20.
- Work with equal groups of objects to gain foundations for multiplication.

Number and Operations in Base Ten

- Understand place value.
- Use place value understanding and properties of operations to add and subtract.

Measurement and Data

- Measure and estimate lengths in standard units.
- Relate addition and subtraction to length.
- Work with time and money.
- Represent and interpret data.

Geometry

- Reason with shapes and their attributes.

Mathematical Practices

1. Make a problem about the number of people who went to the game.
2. Read the problem and write a number sentence.
3. Circle the numbers in the problem and write a number sentence.
4. Make a problem about the number of people who went to the game.
5. Use a number line to solve the problem.
6. Add the numbers and write the sum.
7. List the numbers in the problem and write a number sentence.
8. List the numbers in the problem and write a number sentence.

Operations and Algebraic Thinking

2.OA

Represent and solve problems involving addition and subtraction.

1. Use addition to solve subtraction word problems, and subtract to find the unknown in simple addition word problems. For example, if there are 100 birds in a tree and 30 birds fly away, how many birds are left? Use drawings, objects, or equations with a drawing to represent the problem.

Add and subtract within 20.

2. Fluently add and subtract within 20 using mental strategies. For example, to add 8 + 7, first add 8 + 2 to get 10, then add 5 more to get 15.

Work with equal groups of objects to gain foundations for multiplication.

3. Understand multiplication as repeated addition. For example, use five groups of three objects to represent the multiplication equation $5 \times 3 = 15$, and use the multiplication equation $5 \times 3 = 15$ to describe a situation with five groups of three objects.
4. Use addition to find the total number of objects in a rectangular array with up to 5 rows and 5 columns. For example, find the total number of apples in a rectangular array with 3 rows and 4 columns.

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Measurement and Data**2.MD**

Measure and estimate lengths in standard units.

1. Measure the length of an object using standard units of length (e.g., inch, centimeter, yard, foot, meter).

