✅ 📘 Grade 2 Math Skills Overview

These skills help build a solid foundation in:

- Place value and number sense

- Addition and subtraction fluency

- Basic multiplication concepts

- Measurement and data

- Geometry and shapes

- Money and time

🔢 1. Number Sense & Place Value

- Count forward and backward within 1,000

- Read and write numbers up to 1,000

- Understand place value (hundreds, tens, ones)

- Skip count by 2s, 5s, 10s, and 100s

- Compare and order numbers (up to 1,000)

- Identify odd and even numbers

➕ ➖ 2. Addition & Subtraction

- Add and subtract within 1000 (regrouping included)

- Solve two-step word problems using addition and subtraction

- Use mental math strategies (making 10, doubles, near doubles)

- Understand fact families

- Add three or more numbers

- Use number lines and base-ten blocks to model problems

✖ 3. Introduction to Multiplication

- Understand multiplication as repeated addition

- Use arrays and equal groups to represent multiplication

- Skip count to solve multiplication problems

- Recognize multiplication patterns

📏 **4. Measurement & Data**

- Measure length using standard units (inches, feet, centimeters, meters)

- Estimate lengths

- Tell and write time to the nearest 5 minutes on analog and digital clocks

- Work with money: count coins and bills, solve money word problems

- Collect, organize, and interpret data using charts and graphs (picture and bar graphs)

🔷 **5. Geometry**

- Identify and describe 2D shapes (circle, square, triangle, rectangle, hexagon)

- Identify and describe 3D shapes (cube, cone, cylinder, sphere)

- Partition circles and rectangles into equal parts (halves, fourths)

- Understand symmetry

🧠 **6. Problem Solving & Reasoning**

- Solve real-world problems involving addition, subtraction, and multiplication

- Explain thinking clearly using words, pictures, and numbers

- Use logical reasoning to identify patterns and relationships

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🎯 **Learning Outcomes (By End of Grade 2)**

Students will be able to:

- Confidently count, read, and write numbers up to 1,000

- Add and subtract multi-digit numbers within 1,000

- Understand basic multiplication concepts

- Tell time and count money accurately

- Identify and describe common shapes

- Use data to create and interpret simple graphs

- Approach word problems with strategies and reasoning