



MATHEMATICS

GRADE 1

By the end of first grade, students will have had an opportunity to engage with the core concepts listed below.

- Count and write numbers up to 120.
- Compare two numbers within 120 using terms: greater than, less than, and equal to.
- Quickly and accurately add with a sum of 10 or less, and quickly and accurately subtract from a number 10 or less (ex: $8 + 2$, $7 - 5$).
- Solve addition and subtraction word problems in situations of adding to, taking from, putting together, taking apart, and comparing.
- Understand place value of two and three digit numbers (ones, tens, hundreds).
- Use understanding of place value and other mathematical strategies to add and subtract (ex: $38 + 2$, $29 + 20$, $65 + 10$, $80 - 50$).
- Measure lengths of objects by using a shorter object as a unit of length.
- Make composite shapes by joining shapes together, and dividing circles and rectangles into halves or fourths.
- Tell time to the hour and half hour.
- Identify the value of pennies, nickels, and dimes and use them to support skip counting (ex: 5, 10, 15, 20...).



QUESTIONS TO ASK YOUR STUDENT

- "How many more points do I need to have as many as you?"
- "I have 27 cookies. If I give 10 cookies to your friends, how many cookies will I have left?"
- "How many nickels would it take to equal 3 dimes?"
- "Can you try skip counting by 10s, starting at the number 6? 3? 7?"



WAYS TO CHALLENGE THEIR THINKING

- Encourage your student to count beyond 120 and compare larger numbers, while reinforcing place value concepts.
- Have your student solve word problems that require more than one step, including problems involving addition, subtraction, and comparisons.
- Provide opportunities to practice time, money, and measurement in practical, real-world contexts.