

Objective

By the end of this lesson, the student will be able to understand and apply mental rounding techniques to round numbers quickly and accurately. The student will also develop a greater confidence in estimating numbers in everyday situations.

Materials and Prep

- No additional materials are needed for this lesson.
- Review the concept of place value (ones, tens, hundreds) to ensure the student understands how rounding works.
- Prepare some example numbers for rounding practice (e.g., 23, 76, 145).

Activities

- **Rounding Relay:**

Set a timer for 1 minute. The student will write down as many numbers as they can think of and round them to the nearest ten. After the timer goes off, review the answers together!

- **Rounding Riddles:**

Create a series of riddles where the answers involve rounding numbers. For example, "I am a number that is just below 50. What am I when rounded to the nearest ten?" (Answer: 49 rounds to 50)

- **Round the Room:**

Walk around the house or yard and find items with numbers (like clocks, books, or prices). Ask the student to round these numbers to the nearest ten or hundred.

Talking Points

- "Rounding helps us make numbers easier to work with. Instead of saying 47, we can say 50!"
- "When we round, we look at the number next to the place we want to round to. If it's 5 or more, we round up!"
- "If the number next to our rounding place is less than 5, we round down. So 34 becomes 30!"
- "Rounding can help us estimate quickly. For example, if you have 78 candies, you can say you have about 80!"
- "It's like a shortcut! Rounding makes math faster and helps when we need to make quick decisions."