

Objective

By the end of this lesson, the student will be able to apply basic math skills to plan a successful party, including budgeting, calculating quantities, and understanding proportions for food and decorations.

Materials and Prep

- Paper and pencil for calculations
- Calculator (optional)
- Party planning scenario (create a fictional party with a budget, guest list, and theme)
- Access to basic math formulas (addition, subtraction, multiplication, division)

Activities

- **Budgeting Challenge:**

Provide a fictional budget for the party. The student will list out potential expenses (food, decorations, entertainment) and calculate how much they can spend on each item while staying within budget.

- **Guest List Math:**

Have the student create a guest list with a set number of guests. They will calculate how much food and drinks are needed based on a standard serving size per person.

- **Decoration Proportions:**

Ask the student to choose a theme and calculate how many decorations (balloons, streamers, etc.) are needed based on the size of the party space and the number of guests.

Talking Points

- "Math is everywhere, even in party planning! It helps us make sure we have enough for everyone."
- "When budgeting, we need to think about all costs. What happens if we overspend?"
- "Understanding proportions is key. If we have 10 guests, how much food do we need for each one?"
- "Let's think about how to divide our budget. If we have \$100, how much should we spend on food versus decorations?"
- "Planning a party is like solving a puzzle. We need to fit all the pieces together to make it work!"
- "What if we want to invite more guests? How does that change our calculations?"
- "Using math in real life, like planning a party, makes it more fun and relevant!"