

Addition and Subtraction of Whole Numbers

Common Core Standard

2.NBT.B.5: Add and subtract within 100.

Lesson: Real-World Addition and Subtraction

Objective:

Students will apply addition and subtraction within 100 to real-world scenarios by managing a budget and creating a shopping plan using play money and a shopping list.

Materials:

- Play money (bills and coins)
 - Shopping list templates (pre-made or student-created)
 - Calculator (optional, for checking work)
 - Markers, pencils, and paper
 - Items with price tags (real or printed pictures)
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Safety Precautions:

Ensure all materials, especially small items like coins or paper bills, are used responsibly. Supervise the activity to ensure that no materials are mishandled or misplaced. Provide clear rules for group collaboration to maintain a safe and focused learning environment.

Procedures:

- 1. Introduction to the Project:**
 - Discuss how addition and subtraction are essential for managing money in everyday life.
 - Explain the task: students will create a shopping list, calculate the total cost, and determine the change left over from a set budget.
- 2. Create a Shopping Budget:**
 - Assign each student or group a fixed amount of "money" (e.g., \$50 in play money).
- 3. Build the Shopping List:**

- Provide a list of items with prices or allow students to choose from printed or real objects with price tags.
 - Have students calculate the total cost of the items they plan to "buy."
 - 4. **Perform Subtraction for Budgeting:**
 - Students will subtract their total cost from their given budget to determine how much money remains.
 - Encourage them to adjust their shopping list if they overspend.
 - 5. **Present the Results:**
 - Have students explain their shopping choices and demonstrate how they calculated totals and remaining money.
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Note: Clean-Up

Ensure all play money, templates, and materials are collected and stored neatly. Remind students to clean their workspaces and return borrowed items to their proper places.