

Lesson Plan

Addition skill builders - Fluency - Adding 0

First (1) - Math

LEARNING TARGET

- Students will understand the concept of adding 0 in addition sentences.
- Students will be able to solve addition sentences by adding 0.
- Students will be able to apply the concept of adding 0 in real-life situations.

LEARNING PROGRESSION

PREREQUISITE SKILL

Understand addition - Words to addition to 10 (+ and =)

EXTENSION SKILL

Addition skill builders - Fluency - Adding 1

DURATION

- Introduction (5 minutes)
- Instruction (15 minutes)
- Guided Practice (15 minutes)
- Independent Practice (15 minutes)
- Exit Card Formative Assessment (5 minutes)
- Closure (5 minutes)

MATERIALS

- Whiteboard and markers
- Counting objects (e.g., beans, buttons, etc.)
- Addition flashcards with sums up to 10
- Worksheet pack containing addition sentences
- Real-life objects (e.g., pencils, erasers, books, etc.)

VOCABULARY

- Addition
- Sum
- Addend
- Zero
- Plus
- Equals

INTRODUCTION

1. Begin the lesson by asking students what they know about addition.
2. Explain that addition is the process of putting things together or finding the total of two or more numbers.
3. Show a visual representation of addition using counting objects and a whiteboard.

INSTRUCTION

1. Introduce the concept of adding 0 to an addition sentence. Explain that adding 0 to a number does not change the value of that number.
2. Model how to add 0 to a number using a whiteboard and counting objects.
3. Show students addition flashcards with sums up to 10 and demonstrate how to add 0 to an addend.
4. Provide examples of addition sentences that involve adding 0, such as $3 + 0 = 3$ and $7 + 0 = 7$.
5. Write addition sentences on the board and ask students to add 0 to the second addend.

GUIDED PRACTICE

1. Distribute a worksheet pack containing addition sentences involving adding 0.
2. Work through the first few problems together as a class, using counting objects to demonstrate adding 0.
3. Encourage students to use their fingers or other manipulatives to help them add 0 to the second addend.
4. Walk around the room to provide support and guidance as needed.

INDEPENDENT PRACTICE

1. Give students another worksheet pack containing addition sentences involving adding 0.
2. Ask them to complete the worksheet independently, using counting objects or other manipulatives to help them add 0 to the second addend.
3. Circulate around the room to provide support and guidance as needed.

HOMEWORK

1. Ask students to find three real-life objects at home and write an addition sentence for each object involving adding 0.
2. Instruct students to solve the addition sentences using manipulatives and write the answers on a separate piece of paper.
3. Remind students to bring their homework back to class to share with their classmates.

EXIT TICKET

1. Provide each student with a whiteboard and marker.
2. Instruct students to write an addition sentence involving adding 0.
3. Ask students to hold up their whiteboards so you can check their work.

SUMMATIVE

1. Ask students to share one addition sentence involving adding 0 and how they solved it.
2. Use their responses to assess their understanding of adding 0 in addition sentences.

CLOSING

1. Review the concept of adding 0 in addition sentences with students.
2. Encourage students to apply the concept of adding 0 in real-life situations, such as when counting objects or adding items in a shopping

TEACHING TIPS

- Use manipulatives and visual aids to help students understand the concept of adding 0 in addition sentences.
- Provide opportunities for students to apply the concept of adding 0 in real-life situations, such as when counting objects or adding items in a shopping cart.
- Monitor student progress and adjust instruction as needed to meet the needs of all learners.

MISCONCEPTIONS

- Students may think that adding 0 changes the value of a number.
- Students may struggle to apply the concept of adding 0 in word problems or real-life situations.
- Students may confuse addition and subtraction, leading to errors when solving addition sentences.

EXTENSION

1. Students can practice adding 0 to larger numbers or three-digit numbers.
2. Students can create their own addition sentences involving adding 0 and solve them.
3. Students can practice adding 0 in word problems involving real-life situations.

INTERVENTION

1. For students who struggle with counting objects, provide them with a number line or ten frame to help them visualize adding 0.
2. For students who need extra support, provide them with manipulatives and guided practice before transitioning to independent practice.

COMMON CORE STANDARD

1.OA.C.6 - Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten; decomposing a number leading to a ten; using the relationship between addition and subtraction.

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