

GRADE  
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Mathematics

# Brain Candy TV: Vehicle Bowling Math – Adding & Subtracting for Kids



# Learning Goals:

## Mathematics:

Students will understand **the concept of subtraction** as taking away or finding the difference.

Students will explore subtraction up to 10 through the context of knocking down bowling pins.

Students will visualize subtraction using a number line to support their understanding.

## Language Arts:

### Critical Thinking:

Students will analyze the process of taking away bowling pins and how it relates to subtraction.

Students will practice logical reasoning when using the number line to visually represent subtraction.

### Problem Solving:

Students will solve subtraction problems in a dynamic and engaging context, promoting their problem-solving skills.

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# Materials:

**S01 E18**

## Brain Candy TV: Vehicle Bowling Math

Learn Adding & Subtracting for Kids

Access this episode free on:

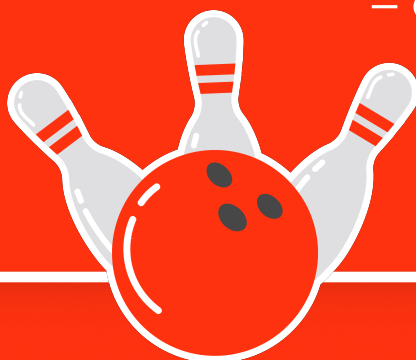
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### Lesson Supplies:

- ☒ **Brain Candy TV: Vehicle Bowling Math S01 E18: Adding & Subtracting for Kids**
- ☐ **Plastic bowling pins** (at least 10)
- ☐ **Whiteboard** or chart paper
- ☐ **Small ball**
- ☐ **Number line visual aid**
- ☐ **Subtraction Bowling Worksheet** (provided) – one per student
- ☐ **Markers**





# Lesson:



## Introduction:

Begin the lesson by briefly reviewing addition concepts that students are already familiar with. Introduce the concept of subtraction as "taking away" or finding the difference between two numbers.

## Viewing the Episode and Discussion:

Play Kidoodle.TV's *"Brain Candy - Vehicle Bowling Math"* episode. Encourage students to watch and engage with the content. After the episode, lead a class discussion about the introduction to subtraction presented in the video.

## Bowling Activity:

Set up the plastic bowling pins in the classroom. Select students to take turns rolling the ball to knock down the pins.

As a class, discuss and write on the board or chart paper the subtraction equation based on the number of pins knocked down and the total number of pins (10). Use the number line as a class to visually represent the process of subtracting the number of pins knocked down.

## Extension:

To extend the learning, students can work individually or in pairs to create their own subtraction word problems using vehicles and bowling pins. They can write the problems on index cards and exchange them with their peers to solve.

## Assessment

During the Bowling Activity and the Subtraction Worksheet completion, observe students' ability to apply the concept of subtraction up to 10.

Pay attention to student engagement in the class discussion, use of the number line as a visual aid, and accuracy in completing the subtraction equations on the worksheet.

Use the completed Subtraction Bowling Worksheets to gauge individual comprehension and identify any areas that may require further reinforcement.

## Final Activity:

### Subtraction Worksheet:

Distribute the Subtraction Bowling Worksheet to each student. Students will independently complete the subtraction equations using the concepts learned during the lesson. Review and discuss the completed worksheets as a class, reinforcing the understanding of subtraction up to 10.

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