

# Lesson Plan

## Counting up to 5 - Counting Objects to 5 - Building Cube Models

Kindergarten (K) - Math

### LEARNING TARGET

- Students will be able to count to 5.
- Students will be able to identify and name colors of unifix cubes.
- Students will be able to connect unifix cubes to make sets up to 5.

### LEARNING PROGRESSION

#### PREREQUISITE SKILL

No Prerequisite Skills

#### EXTENSION SKILL

No Extension Skills

#### 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

- Unifix cubes (at least 50)
- Container to hold the unifix cubes
- Whiteboard and markers

#### VOCABULARY

- Unifix cubes
- Set
- Count
- Add
- Plus

### INTRODUCTION

1. Show the students a set of unifix cubes and ask if they know what they are.
2. Introduce the concept of counting and explain that you will be counting with unifix cubes.
3. Review numbers 1-5 with the students.

### INSTRUCTION

1. Review the colors of the unifix cubes with the students.
2. Demonstrate how to connect the unifix cubes to make sets up to 5.
3. Count the cubes in each set.
4. Explain that when we combine two sets of cubes, we can add them together to make a total.
5. Show an example of adding two sets of cubes together to make a total of up to 5.

### **GUIDED PRACTICE**

1. Divide the students into small groups and provide each group with a container of unifix cubes.
2. Instruct the students to work together to make sets up to 5 and add two sets together to make a total of up to 5.
3. Circulate around the room to provide support and guidance as needed.

### **INDEPENDENT PRACTICE**

1. Instruct students to work independently to create their own sets of unifix cubes and add them together to make a total of up to 5.
2. Monitor students' progress and provide support as needed.

### **HOMEWORK**

1. Assign students to count to 5 using unifix cubes or other objects at home.
2. Encourage students to share their counting with their families and explain how they used the unifix cubes or objects to help them.

### **EXIT TICKET**

1. Provide each student with a whiteboard and marker.
2. Instruct students to show a given number by connecting the appropriate number of unifix cubes.
3. Circulate around the room to assess students' understanding.

### **SUMMATIVE**

1. Formative assessments will be conducted during the lesson to monitor students' understanding of counting to 5 and connecting unifix cubes to make sets.
2. The exit ticket and progress monitoring assessments will be used to determine students' mastery of counting to 5 and connecting unifix cubes to make sets.

### **CLOSING**

1. Review what the students learned during the lesson.
2. Ask students to count to 5 using unifix cubes.
3. Encourage students to practice counting to 5 and connecting unifix cubes at home.

### **TEACHING TIPS**

- Use hands-on activities to engage students and help them understand the concept of counting and addition.
- Provide clear and concise instructions, and repeat them if necessary.
- Use positive reinforcement and praise students for their efforts.

## **MISCONCEPTIONS**

- Students may struggle with connecting the unifix cubes to make sets of up to 5.
- Students may confuse the concept of counting with addition.
- Students may struggle with fine motor skills, making it difficult to manipulate the unifix cubes.

## **EXTENSION**

1. Students can practice counting to 10 and connecting larger sets of unifix cubes.
2. Students can practice adding sets of unifix cubes up to 10.
3. Students can use unifix cubes to practice subtraction or make patterns.

## **INTERVENTION**

1. For students who struggle with fine motor skills, larger and easier to grasp cubes can be used.
2. For students who need extra support, a visual aid or diagram can be provided to help them understand the concept of addition.
3. For students who are struggling with counting to 5, they can be given additional practice and reinforcement during small group instruction.

## **COMMON CORE STANDARD**

K.CC.B.5 - Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.

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