

Lesson Plan

Counting up to 10 - Count to 10 with Base Ten Unit Blocks

Kindergarten (K) - Math

LEARNING TARGET

- Count to 10 by ones
- Identify and name the base ten block models representing numbers from 1 to 10
- Answer "how many there are" questions about base ten block models

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

- Base ten block models (ones, tens, and hundreds)
- Whiteboard and markers
- Number cards 1-10

VOCABULARY

- Count
- Ones
- Tens
- Hundreds
- Base ten block models
- How many there are

INTRODUCTION

1. Show the students the base ten block models and explain that they are a way to represent numbers visually.
2. Ask the students if they have seen the blocks before and if they know what they are used for.
3. Show them the number cards 1-10 and ask them to count them out loud.

INSTRUCTION

1. Display the ones block and ask the students to count how many there are.
2. Repeat with the tens and hundreds blocks.
3. Show them the base ten block models representing the numbers 1 to 10 and have them count how many there are in each one.
4. Demonstrate how to answer "how many there are" questions about the block models, using phrases like "There are 5 ones" or "There are 2 tens and 3 ones."

GUIDED PRACTICE

1. Divide the students into small groups and provide each group with a set of number cards and base ten block models.
2. Instruct the students to match each number card to the correct base ten block model and then count how many there are.
3. Circulate around the room to provide support and guidance as needed.

INDEPENDENT PRACTICE

1. Instruct students to work independently to draw base ten block models representing numbers from 1 to 10 and write the corresponding number next to each one.
2. Monitor students' progress and provide support as needed.

HOMEWORK

1. Assign students to count objects in their homes or neighborhoods.
2. Encourage them to draw a model and label the items they find.

EXIT TICKET

1. Provide each student with a whiteboard and marker.
2. Show them a base ten block model and ask them to write the corresponding number and how many there are.

SUMMATIVE

1. Formative assessments will be conducted during the lesson to monitor students' understanding of counting to 10 and identifying base ten block models.
2. The exit ticket and progress monitoring assessments will be used to determine students' mastery of answering "how many there are" questions about base ten block models.

CLOSING

1. Review the base ten block models and how they are used to represent numbers visually.
2. Ask the students to count to 10 by ones using the block models.

TEACHING TIPS

1. Use a variety of manipulatives and visual aids to make the lesson more engaging.
2. Incorporate formative assessments throughout the lesson to monitor student understanding.
3. Provide extensions for students who need additional challenge.

MISCONCEPTIONS

1. Students may confuse the ones, tens, and hundreds blocks.
2. Students may struggle with counting and skip numbers.
3. Students may have difficulty answering "how many there are" questions about the block models.

EXTENSION

1. Students can practice counting to 20 using base ten block models.
2. Students can use the block models to practice addition and subtraction.
3. Students can work in pairs to quiz each other on "how many there are"

INTERVENTION

1. For students who struggle with counting, provide additional support and practice opportunities with counting games or manipulatives.
2. For students who have difficulty identifying the base ten block models, provide additional visual aids and examples to help them understand the concept.
3. For students who need more challenge, provide larger number cards and base ten block models to practice counting to 20 or higher.

COMMON CORE STANDARD

K.CC.A.1 Part 1 - Count to 10 by ones.

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