

Lesson Plan

Counting up to 10 - Count to 10 with Ten Frames

Kindergarten (K) - Math

LEARNING TARGET

- Count to 10 by ones using objects on a ten frame model.
- Identify how many objects are on a ten frame model and answer "how many are there?" questions.
- Use the vocabulary words "count," "ten frame," and "objects."

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

- Ten frame models (one for each student)
- Counting objects (e.g. buttons, blocks, pom-poms)
- Whiteboard and marker
- Worksheets for independent practice
- Homework sheet

VOCABULARY

- Count: to say numbers in order, starting from 1.
- Ten frame: a mathematical tool with 10 boxes that can be filled with objects to represent numbers.
- Objects: items that can be counted.

INTRODUCTION

1. Display a ten frame model and ask students if they know what it is.
2. Explain that a ten frame model helps us count and show numbers.
3. Ask students to count the number of boxes in the ten frame model with you.

INSTRUCTION

1. Use counting objects to demonstrate how to place them on the ten frame model.
2. Ask students to count the number of objects on the ten frame model with you.
3. Write the number on the whiteboard.
4. Repeat with different numbers (up to 10).

GUIDED PRACTICE

1. Give each student a ten frame model and counting objects.
2. Ask students to fill their ten frame model with objects and count how many there are.
3. Ask students to share their answer with a partner and explain how they counted.

INDEPENDENT PRACTICE

1. Give each student a worksheet with ten frame models and objects.
2. Instruct students to count the number of objects on each ten frame model and write the number in the box below.
3. Monitor students' progress and provide support as needed.

HOMEWORK

1. Assign students to practice counting to 10 using ten frame models and objects at home.
2. Ask students to complete the homework sheet and discuss their understanding with parents.

EXIT TICKET

1. Provide each student with a blank ten frame model and counting objects.
2. Instruct students to fill their ten frame model with objects and write the number below.
3. Collect the ten frame models to assess students' understanding.

SUMMATIVE

1. Formative assessments will be conducted during the lesson to monitor students' understanding of counting to 10 using ten frame models.
2. The exit ticket and progress monitoring assessments will be used to determine students' mastery of the objective.

CLOSING

1. Ask students to share one thing they learned about counting to 10 using ten frame models.
2. Review the vocabulary words "count," "ten frame," and "objects."
3. Encourage students to practice counting to 10 using ten frame models and objects at home.

TEACHING TIPS

1. Use colorful objects and visual aids to keep students engaged.
2. Encourage peer collaboration during guided practice for greater understanding.
3. Provide additional support for students struggling with fine motor skills.

MISCONCEPTIONS

1. Students may confuse ten frame models with simple addition or subtraction.
2. Some students may struggle with counting objects accurately on the ten frame.
3. Students may have difficulty recognizing the value of different amounts of objects on the ten frame model.

EXTENSION

1. Students can practice counting to 20 using two ten frame models.
2. Students can use ten frame models to practice addition and subtraction within 10.
3. Students can create their own ten frame models using materials such as playdough or beads.

INTERVENTION

1. For students who struggle with counting, provide additional practice with counting objects and ten frame models.
2. For students who need extra support, provide a visual aid or diagram to help them understand the concept of ten frames.
3. For students who struggle with fine motor skills, provide larger and easier to grasp counting objects such as foam cubes or pom-poms.

COMMON CORE STANDARD

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

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