# Lesson Plan

## Counting up to 3 - Ten Frame Counting to 3

### Kindergarten (K) - Math

#### **LEARNING TARGET**

- Students will be able to count to 3 using a ten frame.
- Students will be able to identify numbers 1, 2, and 3.

#### **LEARNING PROGRESSION**

#### PREREQUISITE SKILL

#### **EXTENSION SKILL**

No Prerequisite Skills

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 frames (one per student)
- Counting objects (such as counters or cubes)
- Whiteboard and markers

#### **VOCABULARY**

- Ten frame
- Count
- Number
- One
- Two
- Three

#### INTRODUCTION

- 1. Review counting to 1 and 2 with the class, using a ten frame to demonstrate.
- 2. Show students a ten frame with three squares filled in and ask them to count with you.

#### INSTRUCTION

- 1. Distribute a ten frame and counting objects to each student.
- 2. Demonstrate how to place one object in each square of the ten frame to represent the number 1.
- 3. Have students practice counting to 1 using their ten frames and counting objects.
- 4. Demonstrate how to place two objects on the ten frame to represent the number 2.
- 5. Have students practice counting to 2 using their ten frames and counting objects.
- 6. Demonstrate how to place three objects on the ten frame to represent the number 3.
- 7. Have students practice counting to 3 using their ten frames and counting objects.

#### **GUIDED PRACTICE**

- 1. Divide students into pairs and have them take turns placing objects on the ten frame while their partner counts.
- 2. Circulate around the room to provide support and guidance as needed.

#### INDEPENDENT PRACTICE

- 1. Instruct students to work independently to place objects on the ten frame to represent the numbers 1, 2, and 3.
- 2. Monitor students' progress and provide support as needed.

#### **HOMEWORK**

- 1. Assign students to practice counting to 3 using a ten frame and objects at home.
- 2. Encourage students to bring their ten frames to share with the class during the next lesson.

#### **EXIT TICKET**

- 1. Provide each student with a whiteboard and marker.
- 2. Instruct students to draw a ten frame and place objects on it to represent the number 3.

#### **SUMMATIVE**

- 1. Formative assessments will be conducted during the lesson to monitor student progress and understanding.
- 2. The exit card and progress monitoring assessments will be used to determine students' mastery of the objective.

#### **CLOSING**

- 1. Review the concept of counting to 3 using a ten frame.
- 2. Ask students to share one thing they learned during the lesson.

#### **TEACHING TIPS**

Use the <u>Ten Frame Race game</u> as an extension activity for students who have demonstrated mastery of counting to 3 using a ten frame. The game can be modified to increase the number on the ten frame to 5 or 10 to challenge students who are ready for more advanced counting concepts. Additionally, the game can be used as a fun review activity to reinforce counting skills before moving on to more complex math concepts. Encourage students to work collaboratively and provide support as needed to ensure a successful learning experience.

- Use hands-on materials: Utilize manipulatives such as counting objects and ten frames to help students visualize and understand the concept of counting to 3.
- Encourage student participation: Allow students to work in pairs or small groups to practice counting using ten frames and counting objects, and ask students to share their answers and thought processes.
- Provide opportunities for practice: Assign homework and provide in-class practice to give students the chance to apply their understanding of counting to 3.

#### **MISCONCEPTIONS**

- Confusing numbers: Students may have difficulty differentiating between the numbers 1, 2, and 3, and may count the same set of objects multiple times.
- Misplacing objects on the ten frame: Students may not place objects in the correct squares on the ten frame, or may skip squares, leading to inaccurate counting.
- Counting beyond 3: Students may continue counting beyond 3 when using a ten frame, not realizing that the frame only represents numbers up to 3.

#### **EXTENSION**

- Students can practice counting to higher numbers using ten frames and objects.
- Students can practice addition and subtraction using ten frames and objects.
- For students who are more advanced, they can be challenged to count using ten frames with missing numbers or to solve more complex addition and subtraction problems using ten frames.

#### INTERVENTION

- For students who struggle with fine motor skills, larger objects can be used on the ten frames.
- For students who need extra support, a visual aid or diagram can be provided to help them understand the concept of counting using a ten frame.

#### **COMMON CORE STANDARD**

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

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