

Grade Level: Preschool

Duration: 1 Period (30-40 minutes)

Topic: Counting with Nature

Lesson Objectives

By the end of the lesson, students will be able to:

1. Identify and count objects found in nature.
2. Develop an understanding of numbers up to 10 through hands-on activities.
3. Appreciate nature and its elements.

Materials Needed

- Found natural objects: Leaves, pebbles, flowers, twigs, or pinecones in 10 quantities each.
- Number mats or count trays.
- Number cards 1 to 10.
- Large Number Chart with numbers along with images for natural objects to correspond.
- Basket or box of collection.

Preparation

1. Prepare and arrange the natural objects beforehand.
2. Arrange the counting station with mats or trays.
3. Prepare a nature walk area or make one inside using natural objects.
4. Show the number chart at a place in the classroom that is highly noticeable.

Lesson Procedure

1. Introduction (5 minutes)

- Start with a brief discussion:
 - "Have you ever noticed how many beautiful things we find in nature?"
 - Show some natural objects and ask: "Can you name these?" (e.g., leaf, flower, pebble).
- Explain that today, we will practice counting using these wonderful items from nature.

2. Nature Walk or Exploration (10 minutes)

- Take them on a nature walk if outdoors, or some exploration area indoors.
- Let them make observations and collect small natural items, such as pebbles or leaves, into their baskets.

- Let each child collect up to 10 items and assist them when necessary.

3. Counting Activity (15 minutes)

- Sorting and Counting:
 - Allow the children to group their collected items together, such as all leaves together or all pebbles together.
 - At this stage, invite the children to count each group loudly while referring to the number cards.
- Matching Numbers:
 - Prepare counting mats/trays and ask the children to place the objects on the mats while counting out loud.
 - Match the number of objects to the corresponding number card.
- Group Activity:
 - As a class, fill out a chart, glueing or placing natural objects under their corresponding number (example: 1 leaf, 2 rocks).

4. Wrap-Up and Reflection (5 minutes)

- Discuss:
 - "What did you enjoy most when we counted with nature?"
 - "What other things in nature can we count?"
- Reinforce the lesson by showing them the number chart and asking the students what was under each number.
- Praise their effort and teamwork.

Assessment

- Observe children's independent abilities to correctly sort and count objects.
- Check that number cards are placed correctly and match the natural objects.
- Listen to their verbal counting for accuracy.

Extensions

- Creative Activity: Have children draw or colour the natural items they counted.
- Home Connection: Encourage children to take a nature walk with their families to find and count natural objects.