

Subject :Maths Pre-Primary

Grade :KG (Step C)

**Duration :60 Mintues** 

Name of the Teacher:

Date:

Week: 3 (1st Term) Day: 4

# Topic:Sorting by size and shape

Learning Outcomes:

0

- Students will be able to sort objects by their size (big, small) and shape (circle, square, triangle).
- Students will understand the importance of classification based on different attributes.
- Students will develop problem-solving skills by categorizing and grouping objects.
  Learning Materials:
- A variety of objects to sort by size (e.g., big and small toys, blocks, balls)

- Paper cut-outs of different shapes (circle, square, triangle)
- Baskets or boxes for sorting
- Whiteboard and markers

WALT(We Are Learning To) :

• We are learning to sort objects by size and shape.

WILF(What I,am Looking For) :

Sorting helps us organize things around us! We can use size and shape to group things together, just like how we organize our toys or books by size or color!

## Brainstroming (5 Mintues):

- Ask students to think about objects they know that come in different sizes or shapes (e.g., "Do you have any round buttons at home? Are all the buttons the same size?" or "What shapes can you see around you?").
- Write their ideas on the board to engage them in the sorting concept.

# Introduction (10 Mintues):

- Begin by showing examples of objects that differ in size and shape. (e.g., a big circle, a small circle, a big square, a small square).
- Explain the concept of sorting: "Sorting means grouping things that are the same in some way. Today, we will sort things by their size and shape."
- Ask the class: "Can you find a big circle? A small triangle?"



Main Activities(15 Mintues):

- Sorting by Size (10 minutes):Provide students with a set of objects (blocks, toys, shapes) of varying sizes.Instruct them to group the objects into two piles: big and small.After sorting, ask students to explain how they decided which objects belong in each group.
- Sorting by Shape (10 minutes): Give students a mix of shapes (e.g., circles, squares, triangles). Ask them to sort the shapes into different groups based on their shape. Allow students to discuss how they identified each shape and how they know which shape belongs where.

Group Activities(20 Mintues):

- Divide students into small groups.
- Provide each group with a basket of mixed objects (blocks, buttons, paper cut-outs of shapes).
- Ask each group to sort the items by size and shape, first as a group discussion, then individually.
- Once the group has sorted the items, have them present their sorted groups to the class and explain how they made their decisions.

Formative Assessment(5 Mintues):

- Walk around and observe how students are sorting the objects. Ask individual students questions like:"Why did you put this object with the big ones?""How did you figure out what shape it is?"
- Evaluate whether the students are accurately sorting by size and shape.
- Wrap Up(5 Mintues):
- Review the sorting activity: "Today we learned to sort objects by size (big, small) and by shape (circle, square, triangle)."Ask students to share some objects they sorted and explain why they belong in their groups. Highlight how sorting helps us organize and understand things better.

# Home Work:

 Ask students to find 3 objects at home and sort them by size and shape. They should bring them to class and explain their sorting method.

# Lesson Evaluation:

Strengths:\_\_\_\_\_

Areas for

improvement:\_\_