

**Lesson plan by Katy Hobson**

**Lesson:** Matching shapes and colors

**Length:** 15-20 minutes

**Age intended:** preschool

**Academic standards:**

Mathematics Foundations

F.3.9, F.4.7 – Sort a group of objects by more than one way.

F.4.19 – Put objects into groups by attributes

**Performance objectives:**

- Given a set of shapes that are different colors, the student will group them according to color with 100% accuracy.
- Given a set of shapes that are different colors, the student will group them according to shape with 100% accuracy.

**Advanced preparation:** Make five squares, five triangles, five circles, and five rectangles out of red, yellow, green, blue, and orange construction paper, and laminate them. Create a checklist including all of the students to use for the assessment.

**Assessment:** Have the students sort the shapes by color first, while you walk around. Write down if they are able to get all of the shapes, or note which ones they have problems with. Then, ask them to sort by shape and do the same.

**Procedure:**

**Introduction/Motivation:** “Can you name some different colors? (Let students answer.) Can you name different shapes? Today we are going to play a game sorting different shapes and colors.”

**Step-by-step procedure:**

- Move from circle time to assigned seats at the tables.
- Pass out a set of the different shapes to each student.
- Once they have the shapes out, ask them to hold up a red shape. (*Verbal-linguistic*) Make sure everyone does that and correct any errors.
- Ask them to hold up a yellow, green, blue, and orange shape one at a time. (*Bodily-kinesthetic*) Make corrections as needed.
- Ask students to hold up a square, a triangle, a circle, and a rectangle one at a time. Make sure they do it correctly.
- Ask students to put all the red shapes together, the blue shapes together, the yellow shapes together, the green shapes together, and the orange shapes together. (*Logical-mathematical*) Walk around as they are doing this and write down how many they are able to do. Note any shapes they are having trouble with.
- Ask the students to group the triangles, squares, circles, and rectangles together. Go around and write down who is getting it and who is struggling.

**Closure:** Ask the students to put the shapes back in the bag and collect them. While they are still sitting at the tables, ask, “Can you list the shapes we sorted? What were the colors?” (*Level I – Knowledge*)

**Adaptations/Enrichment:**

- For a student who needs enrichment, I will ask them to create AB patterns using the different shapes and colors.
- For a student with a mental disability, I will only ask them to sort by color.
- For a student with an orthopedic impairment, I will group the objects by shape and by color and ask them to identify which shape or color it is.

**Self-reflection:**

Were the students able to group the objects based on color? Were they able to group them based on shape? Did they seem to enjoy the activity? How many students were able to complete the tasks with 100% accuracy? What would make this activity better next time, or should it be gotten rid of?

