

Describing and Making 2D Shapes Lesson Plan

Name: Lindsey Arhart

Date: Thursday, February 17

Grade Level: Kindergarten

Subject: Math

Lesson Title: Session 1.2, Circles and Rectangles

Objective: The students will be able to...

- relate 2-D shapes to real-world objects
- describe the attributes of circles and rectangles
- work independently in their center and explore the materials to create shapes

Standards:

- Geometry K.G
 - Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).
 - Analyze, compare, create, and compose shapes.
- Measurement and Data K.MD
 - Classify objects and count the number of objects in each category.

Time Frame: 45 mins.

- 5 mins = introduce lesson
- 5 mins = discussion on circles and rectangles
- 10 mins. = introduce the math centers
- 20 mins = explore materials and make shape pictures
- 5 mins = closure

Procedure/Activity:

- Show students the triangles and rectangle chart that I have made.
- Give each student a circle or a rectangle.
- Instruct students to hold up either their rectangle or circle depending on if it fits the description that I give them.
- Write down some attributes on the poster that the students have concluded about that shape. Probe students further by asking more questions if needed.
- Show students each center. Explain the chart. Explain the color center. Explain what you do at each center. Explain that they will get a chance to go to each center, if not today than tomorrow. Emphasize that they are only allowed to rotate twice today, and they are only allowed to use the computer once until everyone has had a turn.
- Demonstrate how to use the software on the projector.

- Tell students to think of a center they would like to go to first. Pick on a student to choose their center and color it in the chart. About 4 students at each center only.
- Give students time to explore their center after about 10 mins. stop and ask students to switch to a different center.
- Give students time to explore that center for another 10 mins. stop and ask students to clean up their center.

Closure:

- I will ask a student from each center to explain what they did, what shapes they created, what they learned from that center.

Assessment:

- To see if students are grasping the concept of identifying a rectangle and a circle I will be observing what students can hold up the correct shape at the right time.
- During centers, I will be walking around observing the students interacting with their materials and their peers to determine if they are able to work independently in their center and if they are able to identify characteristics of shapes.

Accommodations:

- Mateo will be allowed to go to the centers with the children, at the geoboard center he may need help with the rubber bands.