



A Serving of Shapes & Colors

Preschool/Kindergarten Learning Plan—(45 minutes)

SHEET #1 (Front)

Overview:

1. Discover shape names and definitions
 - a. Circle = all points equal from the center
 - b. Triangle = three sides and three angles
 - c. Square = four sides of equal length and all angles of 90 degrees
 - d. Hexagon = six sides
 - e. Oval = shaped like an egg
 - f. Star = has five points
 - g. Heart = has two curves on top
 - h. Flower = has lots of curves
2. Learn about **color**, **hue**, and **value**
 - a. Color = a pigment or dye
 - b. Hue = a color's name
 - c. Value = a color's lightness or darkness
3. Explore real-world examples of shapes and colors
4. Observe how Bridget Riley uses shapes and colors in her work
5. Create an art project using shapes

Supplies From Kit: (organized by learning plan section)

Engage	Explore	Explain	Elaborate	Extend
	Book <u>Frog & Toad Are Friends</u> "A Lost Button"	Shape Cards	Buttons	<i>Big Blue</i> by Bridget Riley (Postcards)
	Book <u>Shapes, Shapes, Shapes</u>	Color Hue & Value Charts	Pattern Blocks (Optional)	<i>Movement in Squares</i> , by Bridget Riley
				P/K Art Project Sample
				Buttons

Supplies Provided by Consumer: (organized by learning plan section)

Engage	Explore	Explain	Elaborate	Extend
		White Board or Chalk Board or Flip Chart Paper (Optional)		Construction Paper (3 pieces per participant)
		Writing Utensil for above (Optional)		Glue/Paste



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SHEET #2 (Front)

Preparation:

1. Cut 2/3 of the construction paper into varying-width strips, but identical length. There should be 1 whole sheet left per participant. (Used in the Extend section.)

Engage: What Do You Know? (3 minutes)

Gather the participants together. Use these questions to have a discussion about shapes. If the participants have no prior knowledge, move on.

What shapes do you know?

How do you know it is that shape?

Can you make any shapes with your hands?

Do you see any shapes around us?

Explore: Story Time (7 minutes)

Read books Shapes, Shapes, Shapes and then Frog & Toad Are Friends "A Lost Button" (page 28-39.) Encourage participants to listen for shape names.

Explain: Shapes & Colors (10 minutes)

Shapes

- 1) Discuss the shapes and shape descriptive words in the books.
- 2) Hold up the circle button. Ask participants for the shape's name. Explain the definition of circle. (Optional: Record a drawing and the name of each shape on a board or flip chart.)
- 3) Have the participants make this shape with their body.
- 4) Repeat steps 2 and 3 for additional shapes (triangle, square, hexagon, etc).

Color

- 5) Explain the meaning of color, hue, and value, showing the appropriate charts.
- 6) Review some pages in the book discussing color, hue, value, and how they impact the participants.

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SHEET #2 (Back)

Elaborate: Exhibit & Buttons (& Pattern Blocks) (10 minutes)

- 1) In the exhibit, look for examples of shapes, and descriptive words. Have all participants go touch a circle, then a triangle, etc.
- 2) In the exhibit, look for examples of colors. Have all participants go touch something pink, dark blue, etc.
- 3) Model how to make sorted piles by shapes, or color, using the buttons and/or pattern blocks.
- 4) Allow the participants time manipulating the buttons and pattern blocks making sorted piles, or patterns, based on shapes or other characteristics. Note: This is possible to do in the exhibit, depending on group size.

Extend: Art (15 minutes)

- 1) Gather the participants together. Show pictures of Bridget Riley's work. Share brief life history and art genera. Have participants point out:
 - a. Shapes
 - b. Color hues and values
- 2) Introduce art project samples, and point out lines and shapes.
- 3) Have participants glue strips of construction paper onto a larger piece of construction paper, to resemble Bridget Riley's work. Then have participants trace button shapes onto the lined background.
- 4) Have participants describe the shapes in their artwork to a partner or the whole group. Then repeat with colors.

Sources:

Build It Festival: Teacher's GEMS Guide by Philip Gonsalves & Janie Kopp