



*Overview: This lesson provides opportunities for young students to observe, compare and contrast objects in their environment. Students use their imagination and knowledge of sizes and shapes to create chalk drawings of circular forms.*

**Theme:** Circle

**Grade Level:** K-1st

**Concept:** Family

**Time needed for lesson:** 45 minutes

**Objective:** Students will compare, contrast, identify and create different shapes.

**Essential Questions:** In what ways are things alike?  
In what ways are things different?

**Preparation for Lesson:**

Teacher will have children name shapes of blocks.

Teacher will gather a large variety of interesting 2D and 3D round and angular objects e.g., orange, quilt, ball, coins, hula hoop, etc. as well as prints of artworks that depict these shapes.

**Lesson Activities:**

1. Students, sitting in circle, identify shapes in the above objects.
2. Teacher instructs children on how to handle artworks, to pass them around and to share with partner.
3. Teacher engages students with questions about size, color and shape relationships in the objects, environment and art works on view.
4. Students create chalk drawing using a variety of sizes of circle family shapes: arc, half circle, etc. Students are instructed to fill paper (using sides, corners, top and bottom) with shapes and color. They may also fill the spaces in between the shapes. Students are asked if they can make 20 different kinds of circles for their drawing

**Extension of Lesson:**

Students have opportunity to re-view their drawings. Teacher asks questions about sizes and colors in student drawings, for example: *Where is the smallest circle?* Students respond by pointing to that area in their work. Students take turns describing the colors and shapes in their pictures

**Materials Needed:**

Black or other construction paper, chalk, round and angular objects, geometric quilts, art prints: Hunterwasser, Matisse, Ringgold, Bearden, etc.

**Vocabulary:** oval, environment, variety, family, describe, view, observe, circular, similar, different

**Benchmarks:**

*Mathematics*

*Geometry and Spatial Sense:*

Student will:

- identify common geometric shapes and explore the relationship of objects in the environment.
- identify, compare and draw basic 2 D geometric shapes.



*Patterns:*

Sort and group objects in to a set and explain verbally what the objects have in common (e.g., color, size, shape, etc.)

*Measurement:*

Student will:

- compare objects according to observable attribute (e.g., small, smaller, smallest, etc.)
- identify the coins penny, nickel, dime and quarter.

*Data Analysis:*

Student will collect and analyze information about object and events in the environment.

*Motor Skills:*

Student will:

- demonstrate basic locomotor movements.
- coordinate large arm movements
- hold and use pencils, crayons, etc. using thumb and two fingers.

*Social Skills:*

Student will work independently and cooperatively to solve problems.

*Visual Arts:*

Student will:

- Name and describe elements of art: line, color, shape, etc.
- explore and manipulate a variety of art methods and materials.
- demonstrate appropriate behavior while viewing art.
- demonstrate thoughtfulness and care in completion of artworks.

**Whole child:**

*Thinking/Cognition:* Students will compare and contrast sizes and shapes. Students will observe, identify and describe shapes.

*Feelings/Emotions:* Students will feel satisfaction in completing a more complex drawing and experience curiosity and satisfaction in finding and identifying shapes.

*Doing/Physical:* touching, moving, drawing, making shapes with arms

*Creating/Intuition:* Students will create drawings.

**Assessment:**

Teacher will look at students' drawings to see if they have:

- Used small, medium and large shapes.
- Used corners, sides, tops and bottoms of page.
- Colored the spaces between the shapes.
- Participated in class discussions.