



Geometry Through Movement

2nd Grade

Math/Arts Area

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Adapted from a lesson by Kelleen Leslie

Core Curriculum, Geometry, Standard # 2.G.1

Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.

Art Area, Standard#1 Objective #2

Create and perform unique dance movements and sequences that expand physical skills while demonstrating personal and spatial awareness.

Objective: *In a 20 minute class 2nd grade students will be able to demonstrate their knowledge of geometric shapes and create their own shapes.*

Materials:

1 elastic band measuring approximately 8 feet in length X $\frac{1}{4}$ "for each child. *(Any width can be used. The ends need to be sewn together to make a loop. Elastic can be purchased at any place that sells sewing notions.)*

This lesson is done after shapes have been introduced. It could be done as the introduction if you want to evaluate the current knowledge your students have about shapes. This is also a great activity as a review.

1. Write the shapes you are studying on the board including the number of sides and angles of each shape. This helps children with a reference if they are still unsure about their knowledge of a particular shape. There are other shapes, which I include, such as the square, rectangle, octagon, trapezoid, and pyramid. Have the kids help brainstorm the names of the shapes.
2. Pass out an elastic band to each child.
3. Call out the name of each shape. Each child should demonstrate that shape by designing it using their body and the elastic band.
4. Some shapes will require that students work together. The cube is an example of this.
5. As shapes are being formed by the students, walk around and help those who might be confused about a particular shape. Also, ask the students questions such as "How many sides and angles does your shape have or what could be made using that shape?"
6. As a closing, I let the kids make their own shapes. Sometimes I beat a drum or play music.