

# MUSICAL SHAPES

## Materials

- Playground
- Large Chalk (can use tape if inside on carpet or floor)
- CD/Tape Player
- Music CD/Tape

## Common Core

K.CC.4 Count to tell the number of objects

K.G.4 Analyze, compare, create and compose shapes

## Foundations

NS.1.4 Count up to 10 objects

NS.1.5 Understand, when counting that the number name of the last object counted represents the total number of objects in the group.

G.1.1 Identify, describe and construct a variety of different shapes

## Assessment

DRDP-SR Measure 24: Number sense of quantity and counting (“How many sides does your shape have?”).

DRDP-SR Measure 27: Shapes (“What is the name of your shape?”).

Location: Inside/Outside

Group Size: 6- Whole

Grade: TK

**Vocabulary:** *triangle, rectangle, pentagon, hexagons, septa/heptagon, octagon, sides, angles, vertices/corners*

## Instructions:

1. Setup: This game is a rendition of Musical Chairs, except there are no chairs and no losers!
  - Count the number of children in your class.
  - While on the playground, draw shapes whose sides total the number of children in your class (if you have 15 children, you could draw five triangles, or three pentagons, or an octagon and a septa/heptagon... you get the picture). These shapes should be big enough to hold the same number of standing children as there are sides without undue crowding. Try to draw polygons with equilateral sides (sides of the same length).
2. Provide instructions to the children:
  - Walk around the shapes with the children and have them name the shapes and count the sides
  - Before you leave each shape, ask children to count the sides and put the same number of children inside the shape. Make sure children understand this part: # of sides = # of children.
  - Explain that when you start the music, children should begin walking around the shapes without going inside them. When the music stops, the children should fill the shapes - but only with the same number of children as sides.
3. Start the music (best to start with a slow song). Play for about one minute. When you stop the music, remind the children to match the number of shape sides with the number of children. Initially, the children will need a lot of help organizing themselves into the shapes appropriately. Starting with simpler shapes or identical shapes (e.g., all triangles) may help.
4. Repeat game as desired.

## Plan and Differentiate

### Scaffold Down

- Tell children the number of sides of the shape.
- Tell children to stand on the vertices/corners of each shape.
- Write the number of sides in the shape inside the shape.

### Scaffold Up

- Have children calculate which shapes and how many are needed to hold every child in the class.