

CHARACTER shapes

M A T H A N D T H E A T R E

Objectives

CONTENT	FINE ARTS
<p>CCSS.Math.Content.1.G.A.1: Distinguish between defining attributes versus non-defining attributes; build and draw shapes to possess defining attributes.</p>	<p>Theatre: Artistic Process: Creating; Anchor Standard: Generate and conceptualized artistic ideas and work.</p>

Materials:

- Examples of 2-dimensional and 3-dimensional figures
- Open space for movement
- paper and pencils
- computer
- microphone
- recording software

Pre-assessment:

Review a series of 2-D geometric shapes (circles, squares, rectangles, etc) and ask students to identify the shape and its defining characteristics (4 lines, 3 lines, curved line, etc).

Engagement:

Have students use their bodies to create the shapes they previously identified. Then, have them work in teams to create the same shape together. Ask: how was the process similar and different when you had to work with others to create the shape versus working alone?

Activity:

Gather students into groups of 4-6. Assign each group a 2-D shape. Ask students to use their actors' hats to create the characteristics for their shape in a frozen image. For instance, if a group was given a circle, they will need to show what a circle's facial expression would look like, what the energy level would be, how it would move, how it's voice may sound and what gesture would best represent a "circle".

After groups present their dramatizations, compare their 2-D shapes with the 3-D equivalencies. Then, ask each group to create a characterization for their shape in it's comparable 3-D form and perform it for the class.

Closing:

Each group presents their 3-D characterizations and this time, the audience will compare the 2-D character to the new 3-D character and provide any insights as to what was the same, what was different and how the group created the new 3-D version.

Assessment:

Geometric Shape Family Drama

Students create an opening scene from a play that introduces the audience to the Geometric Shape Family. In small groups, students must collaborate and act out a drama that introduces the shapes and their relationships to each other. Record and assess via a pre-developed rubric.