

Learning Activity for Geometric Shapes

1st Grade

Objective: The students will be able to identify a variety of 3 dimensional shapes.

Materials: cereal boxes, soup cans, sugar cone, birthday hat, funnel, a ball, picture of an Egyptian pyramid, generic large plastic geometric shapes

Geometric Shapes

(Duet)

Shapes are ev'rywhere I look
In objects I have known
I spot geometric figures in
Most everything I own

Female: A rectangular prism is made
Of 4 rectangle sides
It has 2 squares – one on each end
And 8 corners besides

Male: Ev'ry cube has six flat sides
Every one of the sides is the same
You're shaking cubes when you're shaking dice
It's the way you play that game

(Duet)

When my Mom buys a box of tea
A rectangular prism I see
With 4 flat sides and 2 square ends
That's the way it looks to me
(instrumental break)

(Duet)

Ev'ry cylinder's long and round
And it's hollowed out inside
It can have flat circles on each end
And it's either long or wide

Female: When I pick up a can of soup
It's a cylinder shape around
If I lay it down, it'll roll downhill
Going round and round and round

Male: Every cone has a pointy end
And another end that's round
It'll whirl itself in circles
If I spin it on the ground

(Duet)

Got a waffle ice cream cone
And a pointy party hat
And a funnel when I fill a jar
They always look like that
(instrumental break)

(Duet)

There are no sides on a sphere
Not a corner edge or line
A sphere is round as round can be
Just like a ball of twine

Female: Ev'ry marble's a tiny sphere
Like gumballs that I chew
Catch a baseball, soccer, basket-ball,
They're spheres somebody threw

Male: Pyramids are fun to see
They've got triangle sides
Put four tri-angles edge to edge
And one side always hides!

(Duet)

You can search and look around
They are pretty rare to see
In Egypt they built Pyramids
But that's too far for me!

Shapes are ev'rywhere I look
In objects I have known
I spot geometric figures in
Most everything I own
A cone's not a pyramid
Cause it's got no edge or face
Every sphere looks like our Earth
When it's hurt-l-ing through space

Procedure:

- 1) Play the song, holding up each of the figures mentioned in the song and pointing to the characteristics described.
- 2) Give students an opportunity to touch and look at each figure, attempting to describe characteristics of each, and then matching the material item with the geometric figure.

Evaluation: Teacher observation. This topic is not assessed in 1st grade.