

## Kindergarten Math

### Unit 3 Geometry: 3D shapes

During this unit, we will recognize and name the 3 dimensional shapes of the sphere, cylinder, cone, and cube. We will distinguish between a 2D ("flat") shape and a 3D ("solid") shape. Students will describe shapes and compare them using terms such as: flat sides, curved sides, and corners. A top goal for the kindergartners will be to find 3D shapes in the world.

#### Suggested activities to do at home:

1. Go on a shape hunt in your house and have your child find a specific shape and use the 3D shape name (i.e. Find things shaped like a sphere like a ball, globe, etc. Find a cube like a box or a block.).
2. Have your child create a 3D shape using play dough, toothpicks and marshmallows, or Floam. Then have him/her name it.
3. Watch "3D Shapes I Know youtube video by HarryKindergarten"  
[www.youtube.com/watch?v=K9L9I86N-xM](http://www.youtube.com/watch?v=K9L9I86N-xM)
4. Gather objects around the house that are 3D. Cut out 2D shapes (circle, square, triangle, hexagon, rectangle). Have your child sort the objects and explain whether they are 2D (flat) or 3D (solid).
5. Play a 2D and 3D riddle game. "Which shape am I talking about? It is a solid. It has 0 corners and only curved sides." Answer is a sphere.