

# 3D Geometry

## Activity 2 - 3D Shape Safari

Shapes in three dimensions have three defining measures: length, width and height. A Cube is a 3-dimensional or 3D shape. A cube has six sides, called faces. Each face is actually a square.

Our world is exciting because the mix of shapes that surround us is endless! Shapes are all around us. Go on a Shape Safari and try to identify some 3D shapes that are in our everyday world.

**For this activity you will need:** paper and a writing utensil.

### Activity Instructions:

- Go on a Shape Safari in your home or school. Find objects that are the same shapes a common 3D shapes like a cube, cone or cylinder. Make pictures or write a list like the one below to show what you have found.

Where I Saw it	What it was	Shape Name	Sketch

- Go outside and take a walk around your neighbourhood. Look for different shapes that are man-made or natural. Make another list of what you found.
- Once you have finished your safaris, try answering the questions below. You can also start a new safari at places like a grocery store or shopping mall by looking for 3D shapes on the shelves.
  - What shapes did you find that are a part of nature?
  - What shapes did you find that are man-made?
  - What shapes did you find that people eat?

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Can you believe THIS is math?