



### **Topic: Shape**

### Using shapes and objects

#### Lesson concepts

Shapes — Language (describing, naming, comparing)

Shapes — Sorting (appearance, function)

Today students will:

use shapes and objects to create a picture.

### Resources

#### Find and prepare

String, pipe-cleaners, ice-block sticks, matchsticks, paint, collage materials

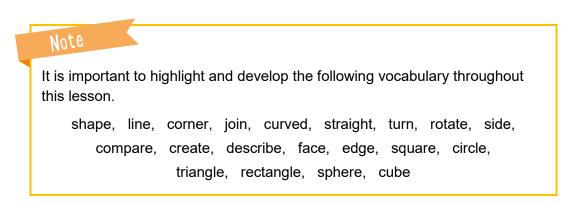
# Key terms

corner, face, edge, square, circle, triangle, rectangle, sphere, cube

For definitions and explanations of terms, please see the <u>Glossary</u>.



### Lesson



#### Introduce the lesson: Describe shapes

- Ask students to find familiar two-dimensional shapes and three-dimensional objects in their immediate environment.
- Discuss familiar two-dimensional shapes with students.

## Focus questions

- Q: What is the name of this shape?
- Q: How would you describe this shape to a friend who was wearing a blindfold, so that they could recognise the shape you described?

#### **Create two-dimensional shapes**

• Provide students with materials so that they can create various two-dimensional shapes.

## Say to students

6 Make a triangle from the pipe-cleaners.

Create a square by using the ice-block sticks.

Create a rectangle by using the string.

Make a print picture of circles by dipping this circle shape in the paint.

Trace around this shape to draw a square.

9

### Focus questions

- Q: How many straight sides does this square have?
- A. Four
- Q: How many corners can you see in the rectangle/the circle?
- A. Four/none



#### Create pictures using two-dimensional shapes

• Explain to students that they are going to make a robot picture by using two-dimensional shapes.

Focus questions

- Q: What shape could you use for the robot's head?
- A. For example: A circle
- Q: What shape could you use for the robot's body?
- A. For example: A rectangle
- Provide time for the students to create a robot picture from art and craft materials.
- Display the picture and talk about where the robot has:
  - curved and straight lines
  - o sides
  - o corners
  - ∘ shapes.
- If time permits, create a second robot picture. Compare the two robots and describe ways they are similar and ways they are different.

