1 Match. Then use the key to colour the shapes.

- a. cube (red)
- b. square (red)
- c. cone (red)
- d. rectangle (red)
- e. pyramid (red)
- f. sphere (blue)
- g. circle (blue)
- h. triangle (blue)

2 Count the shapes and complete the chart.

<table>
<thead>
<tr>
<th>Shape</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>cones</td>
<td>1</td>
</tr>
<tr>
<td>cubes</td>
<td></td>
</tr>
<tr>
<td>spheres</td>
<td></td>
</tr>
<tr>
<td>triangles</td>
<td></td>
</tr>
<tr>
<td>pyramids</td>
<td></td>
</tr>
<tr>
<td>squares</td>
<td></td>
</tr>
<tr>
<td>circles</td>
<td></td>
</tr>
<tr>
<td>rectangles</td>
<td></td>
</tr>
</tbody>
</table>

3 Read and complete the hat.

Draw three orange circles, one blue rectangle, four green triangles and two yellow squares.
Subject: Art

Shapes and colours

Objective: recognition of two- and three-dimensional shapes

Vocabulary: circle, square, triangle, rectangle, cube, cone, pyramid, sphere

Introduction

Pupils learn to distinguish between two- and three-dimensional shapes, and recognise these shapes in their immediate surroundings.

Warm up

• Write 2-dimensional / 3-dimensional on the board.
• Ensure pupils understand the terms.
• Divide the class into two groups. Assign a category to each group (2-dimensional / 3-dimensional).
• Collect a selection of classroom objects. Ensure that there is a mix of 2- and 3-dimensional objects (pieces of paper, pictures, posters, etc. for 2-dimensional shapes).
• Hold up an object. Ask Is this two- or three-dimensional? Pupils stand according to the category they were assigned.

Activity 1

• Pupils match the words and pictures using the puzzle pieces as a guide.
• Point to each shape and name it. Ask Is this two- or three-dimensional?
• Pupils colour the shapes according to the key. Answers: 1-c; 2-a; 3-f; 4-e; 5-b; 6-h; 7-d; 8-g. (red) circle, square, triangle, rectangle; (blue) cube, cone, pyramid, sphere

Activity 2

• Ask pupils to name the objects they can see in the school bag.
• Ask them to name the shapes they can see.
• Pupils count the shapes and complete the chart.

Answers: cones-1; cubes-2; spheres-3; triangles-3; pyramids-1; squares-4; circles-6; rectangles-3

Activity 3

• Pupils read the text and draw and colour the items on the hat.

Project ideas

• Record the numbers of cones, pyramids, spheres and cubes in different places, for example, the playground, the street, the classroom, etc.
• Count and compare the numbers of points, edges and faces in various two- and three-dimensional shapes.