

Shape hunt

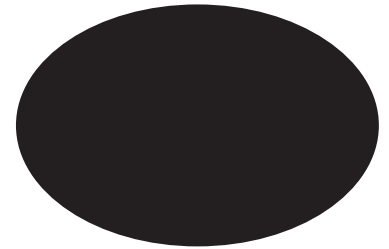
**Look for these shapes in your school grounds.
Write down where you found each shape.
Look for parts of a shape as well as whole shapes.**



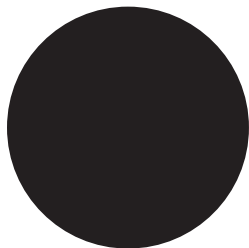
Square



Triangle



Oval



Circle



Rectangle



Star

School grounds focus:

- Where are we now?
- Where do we want to be?
- How can we get there?
- Making the changes
- Using your grounds

Curriculum focus:

- Maths / numeracy – shape

Purpose of this activity:

- Practise using the correct vocabulary for shape.

Equipment / materials needed:

- A copy of the worksheet for each pair of children.
- Clipboards.
- Coloured pencils, pens etc.
- Camera to record your investigations.

Preparation:

- Children will need a basic understanding of the most common 2D shapes.
- Walk around the grounds as a whole group, looking for shapes and materials / textures. You might like to do this on your own beforehand, annotating this sheet so you can help children if they get stuck!

What to do:

- Review the shapes on the reverse of this sheet with the whole group.
- Children should then work in twos to find evidence of the shapes overleaf on the school building or in the grounds. When they find some, they should sketch the shape in its context, or write down where they saw it.
- Remind children to look for *parts* of shapes i.e. the arch over a door is part of a circle, the eaves of a pitched roof are part of a triangle.
- Look for shapes within shapes i.e. square window panes in a rectangular door.
- Discuss which shapes are most common in the school grounds.
- You could also talk about:
 - what texture the shapes had i.e. the bricks were rough, the window panes were cold and smooth.
 - what materials they were made of i.e. the square paving slabs are made of concrete, the circular tree seat is made of metal.

Follow-up:

- You could also create a maths trail using this activity and others focusing on time, size, measuring, symmetry etc.
- Share the trail with other teachers so everyone knows where the maths trail 'hotspots' are.