

Finding shapes and objects

Find an example of these shapes and objects around your home.











Draw them or take a picture.

Describe what they look like.

Triangle	Cylinder	Circle	Did you know... you can't hold two dimensional shapes in your hand... you can only imagine them!	Find a shape...
Rectangle	Did you know... a square is a special type of rectangle?	Square	Sphere	Rectangular prism

Name the shape or object.

Find another like it in your house. Draw it.

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Level: Foundation/Year 1

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Description:

This activity is about discovering shapes and objects in the home environment. Opportunities to name, describe, sort two-dimensional shapes and three-dimensional objects using their features are provided.

List of resources needed:

- Pencils and paper OR a copy of this table for each child
- Optional: A device to take digital photos

Objective: To name, describe and sort two-dimensional shapes and three-dimensional objects.

What to do:

- Print the worksheet, or the child could copy and answer each item on paper.
- Some students will need an adult or older child to read the task to them.
- Modify to suit your child. They may need more paper for drawing and writing.
- Encourage the child to say the names and describe the shapes and objects out loud as they go.

Notes for parents:

- Drawing shapes is hard at this age. Allow them the freedom to use a large piece of paper if needed. Naming and describing can also be a challenge for young students but it's important that they start using the correct language from an early age. The ways in which they sort shapes and objects according to features they identify can also be interesting!
- Your mindset is as important as your child's. Foster a growth mindset. Instead of thinking "I can't do this", encourage them to say, "I can't do this, yet!"
- Let the child do their best. Keep it light and fun. They do get better at things with more practice.

We want children to:

- Name two-dimensional shapes
- Name three-dimensional objects
- Describe two-dimensional shapes according to their features. Some features may include: they are flat, have no thickness, the number of sides, number of corners etc.
- Describe three-dimensional objects according to their features. Some features may include that three-dimensional objects have length, width and height, faces, edges etc.

(Not all students will be able to demonstrate all the above but will be working towards these understandings.)

This activity covers the following Australian Curriculum - Mathematics content:

Sort, describe and name familiar two-dimensional shapes and three-dimensional objects in the environment (ACMMG009)

Recognise and classify familiar two- dimensional shapes and three-dimensional objects using obvious features (ACMMG022)

For further information contact choosemaths@amsi.org.au