



Monday

Maths

Learning Objective

To create patterns with 2D shapes

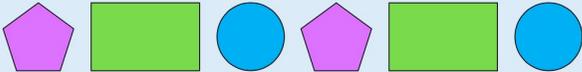
Activity

Watch -Matholia: Which Shape comes next?

<https://www.youtube.com/watch?v=8EUlOpHyHnU>

Activity 1 Make Patterns with 2-D Shapes

Continue this pattern:



Can you circle the set of shapes that repeat?
What is the next shape in the pattern?
What is the 9th shape in this pattern?

Draw pictures to represent this pattern:
Triangle, square, square, circle,
triangle, square, square, circle



How many times does the pattern repeat?
Which shape would be 10th?



Can you make your own repeating patterns using only one shape?

Challenge

Dora says that the 12th shape in this pattern will be a triangle.



Is she correct?

How do you know?

HINT Count in 3s.

The 3rd, 6th, 9th, 12th shapes are all the same.

English

Learning Objective

To write using capital letters and full stops correctly.

Activity

Watch Possum Magic by Mem Fox- <https://www.youtube.com/watch?v=XhLH6ZELEX4>

If you could be invisible like Hush, what would you do?

Don't forget: capital letters, full stops, spaces and joining sentences with conjunctions such as- and, but, so, because.

Phonics

Letters and Sounds: https://www.youtube.com/channel/UCP_FbjYUP_UtldV2K_-niVWw/featured?disable_polymer=1

Use sound mats sent home in packs.

Humanities	<p><u>Week 6: History - Historical Knowledge</u></p> <p>Our country has a monarchy - that means it has a monarch, a King or a Queen. Kings and Queens are an important part of the story of our country.</p> <p>Younger Children:</p> <p>Who is the Queen of the United Kingdom today? What does she look like? Do you know that she has been Queen since 1952 - that is 68 years! Queen Elizabeth II has ruled longer than any other King or Queen in the history of our country.</p> <ul style="list-style-type: none"> • Draw a picture of the Queen (you can see her picture on a bank note if you don't know what she looks like) and write underneath two or three facts about her and one question that you would like to ask her. <p>Older children:</p> <p>When William the Conqueror invaded England in 1066 and won the Battle of Hastings a whole new era of British history began. That was over 950 years ago. How many Kings and Queens do you think England has had since then? How many can you name?</p> <ul style="list-style-type: none"> • Listen to the Horrible Histories 'Monarch's Song'. Write down as many of the Kings and Queens as you can in chronological order. There should be 41! • Write down an interesting fact for five of the Kings and Queens that you have learned from the song. <p>Challenge: Learn the chorus of the song so that you can recite all 41 of the Kings and Queens of England in chronological order. When you return to school recite them to Mrs Larson to win house points!</p>
Tuesday	
Maths	<p>Learning Objective To identify everyday 3D shapes</p> <p>Activity Watch - Matholia: Solid shapes https://www.youtube.com/watch?v=GHEbOTMyxpA</p> <p>1). Look at the everyday shapes. See how many you know! See Pdf Everyday 3D shapes Can you see anymore 3D shape objects in the room you are in?</p> <p>2) Go through the 3D shapes below with your adult. Do you recognise any? 3D shapes are solid shapes you can hold. They are different to 2D shapes that are flat.</p>

3D Shapes



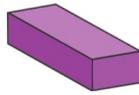
square-based pyramid



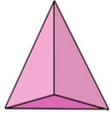
triangular prism



cone



cuboid



tetrahedron



cube



cylinder

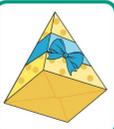
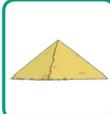


sphere

The 3D shape word mat will help with the next activity. For a bigger version [see Pdf attached](#)

3) Sort the everyday objects into 3D shapes
The groups are **cube**, **cuboid**, **sphere**, **pyramid**,
cone, **cylinder**.

Example the football is a **sphere**





Challenge

What is the difference between a cube and a cuboid?

English

Learning Objective

To write using imagination.

Activity

Watch Magic Hat by Mem Fox- <https://www.youtube.com/watch?v=JYLdxjNEkMM>

If a magic hat landed on my head it would turn me into...

Don't forget: capital letters, full stops, spaces and joining sentences with conjunctions such as- and, but, so, because.

Phonics

Letters and Sounds: https://www.youtube.com/channel/UCP_FbjYUP_UtldV2K_-niWw/featured?disable_polymer=1

Use sound mats sent home in packs.

Science

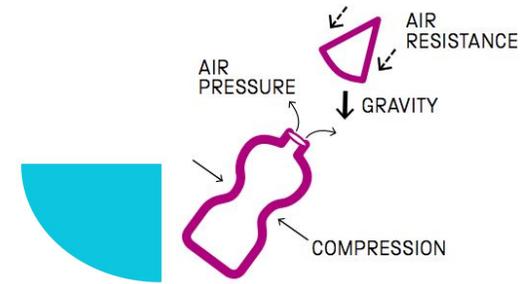
Skill Focus - Making Improvements

Question



How far can you make a rocket fly?

Cut a piece of paper into a a curve (blue shape):
 Fold and tape to make a cone
 Decorate the cone
 Fit on top of an empty plastic milk bottle
 Squeeze the bottle
 Watch the rocket fly.



<https://learning.sciencemuseumgroup.org.uk/resources/rocket-mice/>



Younger Children	Older Children
How far can you make the rocket go? Decorate the rocket. Does adding wings or decorations change how far the rocket flies?	Can you change the rocket or launcher to improve the rocket flight? Repeat each design 3 times to improve the reliability of your results. Create a labelled diagram of your rocket and measure the distance flown.

Challenge	About this type of Science
Investigate the forces used to allow a rocket to fly. You might consider: Which forces must be overcome? How are rockets designed to reduce air resistance? How do rockets land safely?	<i>Using your results to try and make improvements to your results is a crucial part of science. By continually questioning why scientists got their results and what happens when it is changed a bit, some incredible technology and advancements of our understanding of the world has occurred. James Dyson, bagless vacuum inventor made 5271 vacuums before he finally made one that worked.</i>

Wednesday

Maths	Learning Objective To identify the 2D shapes on the faces of 3D shapes
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Activity

Ask an adult to talk through the questions with you:

Mathematical Talk

What do we mean by the 'face' of a shape?

What is the difference between a face and a curved surface?

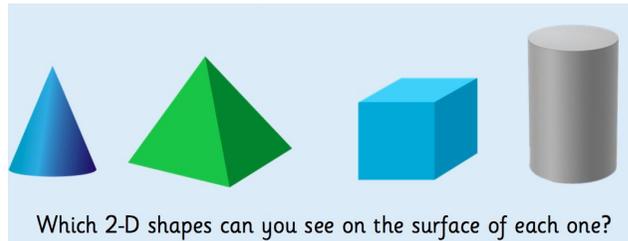
What real life objects have 6 faces like a cube?

Does a cuboid always have 2 square faces and 4 rectangular faces?

Which 2-D shapes can you see on different 3-D shapes?

How can you make sure that you don't count the faces more than once?

Look at these 3D shapes below:



Complete the Table

Use these 3D shape names

Cube, cuboid, pyramid, prism, cylinder, cone, sphere

Shape	Name of shape	Number of flat faces
		
		
		
		
		
		
		

HINT

Cones should be described as having 1 face and 1 curved surface

Cylinders as having 2 faces and 1 curved surface

Spheres as having 1 curved surface.

English	<p>Learning Objective To write using your opinion.</p> <p>Activity Watch <u>Who sank the boat?</u> By Pamela Allen- https://www.youtube.com/watch?v=ZpFWuHSDftQ Who do you think sank the boat? Why do you think that?</p> <p>Don't forget: capital letters, full stops, spaces and joining sentences with conjunctions such as- and, but, so, because.</p>
Phonics	<p>Letters and Sounds: https://www.youtube.com/channel/UCP_FbjYUP_UtldV2K_-niWw/featured?disable_polymer=1 Use sound mats sent home in packs.</p>
Art/DT	Week 6 - Robots



You will need:

Old boxes, tubes, bottle lids, toilet rolls, recycled materials from around the house

Sticky tape/glue

Grey paint or kitchen foil

1. Sketch your robot first - what will it look like? Imagine all the things you'd like your robot to be able to do and add them in as special design features. Time travel, magic potion squirting, turbo boosters etc. Robots come in all different shapes and sizes. Can you make one as tall as you? Or why not make a family of robots?

2. Start making the two main parts, the head and the body. Once you have chosen the head and body you can start wrapping them in tin foil (or paint them using silver/grey paint)

3. Join the head and body together with glue or tape.

4. Next find parts for two arms and two legs, wrap them in tinfoil or paint.

5. Attach the legs and arms to the robot body using glue or tape.

6. Now you are ready to add in the details such as the face, buttons, antenna etc

Thursday

Maths

Learning Objective

To answer 3D shape word problems

Activity

Teddy says my 3-D shape has 6 faces.

Mo says he must have a cube.

Is Mo correct?

Explain your answer.

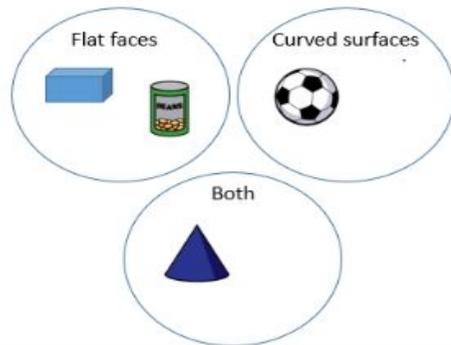
1.

2.

Annie has sorted these 3-D shapes.

Can you spot her mistake?

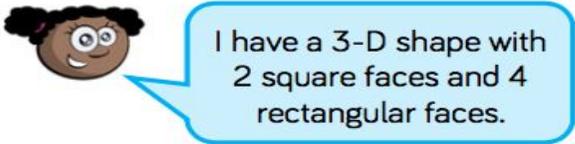
Can you add another shape to each set?



3. Which 3D shape?

- Which shape has just 1 curved surface and no flat faces?
- Which shape has 1 curved surface and 1 flat face?
- Which shape has 6 flat, square shape faces?
- Which 3D shape is a tin of beans?
- Which 3D shape is a microwave?
- Which 3D shape is a globe?

Challenge

	<p>Whitney says,</p>  <p>What shape does Whitney have?</p> <p>Play this game with a friend. Describe the faces of a 3-D shape and they need to guess what it is.</p>
English	<p>Learning Objective To write a diary entry.</p> <p>Activity Watch Diary of a Wombat by Jackie French- https://www.youtube.com/watch?v=WxN4g4aW2YE Create a diary of your own. Write about one thing you could do on each day of the week.</p> <p>Don't forget: capital letters, full stops, spaces and joining sentences with conjunctions such as- and, but, so, because.</p>
Phonics	<p><u>Letters and Sounds</u>: https://www.youtube.com/channel/UCP_FbjYUP_UtldV2K_-niVw/featured?disable_polymer=1 Use sound mats sent home in packs.</p>
R.E	<p><u>Week 6: Thankfulness</u> Read the story of 'The Ten Lepers' from the Bible - (Luke 17 vs 11-19) or listen to the story: https://www.youtube.com/watch?v=LzZUDRrKgl8&t=8s</p> <p>Choose one of the following activities to do:</p> <ul style="list-style-type: none"> ● Draw a picture of all the things that you are thankful for ● Write down what you are thankful for and who you are thankful for - how can you show you thankful? ● Plan a celebration to say 'thank you' to someone special for something they have done for you <p>Reflection - Why do you think nine of the lepers didn't say thank you? What makes us forget to say thank you?</p>

Maths

Learning Objective

To identify how many edges a 3D shape has

Activity**Watch** - Edges and Faces A Geometry clip <https://www.youtube.com/watch?v=NdLXFpqWO7k>**Maths facts**2D shapes have **sides**3D shapes have **edges**An **edge** is where 2 flat faces meet on a 3D shape

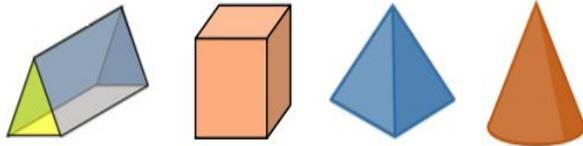
Ask an adult to talk through the questions with you:

Mathematical Talk

What do we mean by the 'edge' of a shape?

How can you make sure that you don't count the edges more than once?

Look at these 3-D shapes:



How many edges does each shape have?

1.

Shape	Name	Edges	Faces
			
			
			

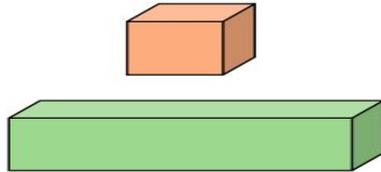
2. Complete the table

3.

- a) A cone has no edges, one curved face and one flat _____
 b) A cylinder has no edges, _____ curved face and _____ flat faces.

Challenge

Compare these 3-D shapes.



What is the same and what is different?

English

Learning Objective

To write a story about a particular topic.

	<div data-bbox="439 60 1052 491" style="border: 2px solid blue; padding: 10px;"> <p>Writing Challenge Cards</p> <p>Imagine that an alien visited Earth for the day. What kind of things would you do with him?</p> <p>Think about:</p> <ul style="list-style-type: none"> • how would you speak to him/her; • what sorts of things you would both do together; • what places you would want to show him/her. <p>Check:</p> <ul style="list-style-type: none"> • capital letters and full stops; • your spelling in a dictionary; • that you have used some interesting adjectives.  </div> <p>Activity</p> <p>Don't forget: capital letters, full stops, spaces and joining sentences with conjunctions such as- and, but, so, because.</p>
Phonics	<p>Letters and Sounds: https://www.youtube.com/channel/UCP_FbjYUP_UtldV2K_-niVWw/featured?disable_polymer=1</p> <p>Use sound mats sent home in packs.</p>
PSHE	<p>Learning Objective <u>To explore anxieties around change and transition</u></p> <p>Change can be different and it can be scary. It is perfectly normal to feel worried about starting a new school or moving to a new year group. Your teachers are there to keep you safe and make transitioning to a new year group easy.</p> <p>Younger Children: Listen to the story The Curious Caterpillar: https://www.youtube.com/watch?v=9m5AV8QFKKo Draw/paint/make a butterfly. With an adult, tell the butterfly (by writing or talking) all the things you are worried about for moving to a new year group.</p> <p>Older Children: Make and decorate a box, use the template or make your own. Write down any worries you have about moving to a new year group and put them into the box. Give the box to an adult or a teacher and they can take control of your worries and help you.</p> <p>Challenge: Write or draw a picture for your new teacher. Tell them what you are worried about and ask them questions about what life will be like in their classroom.</p> <p>For Year 6 challenge: What advice would you give to people in these situations:</p> <p>1. 'I'm going to be in a new class, in a new school and I'm worried about how to make new friends.'</p>

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| | <ol style="list-style-type: none">2. 'I'm worried I might get teased or hurt by older children.'3. 'I know exams are really important in secondary school and I'm worried I might not do well.'4. 'I don't know about the latest music and I'm worried I won't fit it and people won't like me.'5. 'I've heard that the teachers are really strict. I'm scared I'll get shouted at and get detentions.' |
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