



Birches First School

Believe, Grow, Succeed



School Closure Home Learning Year 2 Daily Tasks

Wednesday 29th April 2020 (Summer Term, Week 2 - Day 3)

Maths Task (Geometry – Properties of shape):

Count edges and vertices on 3D shapes -

- A vertex is where two or more edges meet. 'Vertices' is the plural of vertex (more than one).
- An edge is where two faces meet or where a face and a surface meet.

To avoid over counting the vertices and edges, you should mark each vertex in some way – e.g. cross it out, place something over it etc. You could use some of the 3D objects you found in your house to help you with the properties.

Task 1: Guess each of the 3D shapes described.

Who am I?

<p>I have 6 square faces. I have 8 vertices. I have 12 edges.</p> <p>What am I?</p>	<p>I have 5 faces. I have 5 vertices. I have 8 edges</p> <p>What am I?</p>
<p>I have 1 continuous curved face. I have 0 vertices. I have 0 edges.</p> <p>What am I?</p>	<p>I have 5 faces. I have 6 vertices. I have 9 edges.</p> <p>What am I?</p>
<p>I have 2 faces and 1 continuous curved surface. I have 0 vertices. I have 2 edges.</p> <p>What am I?</p>	<p>I have 1 circular face and 1 continuous surface. I have 1 vertex. I have 1 edge.</p> <p>What am I?</p>

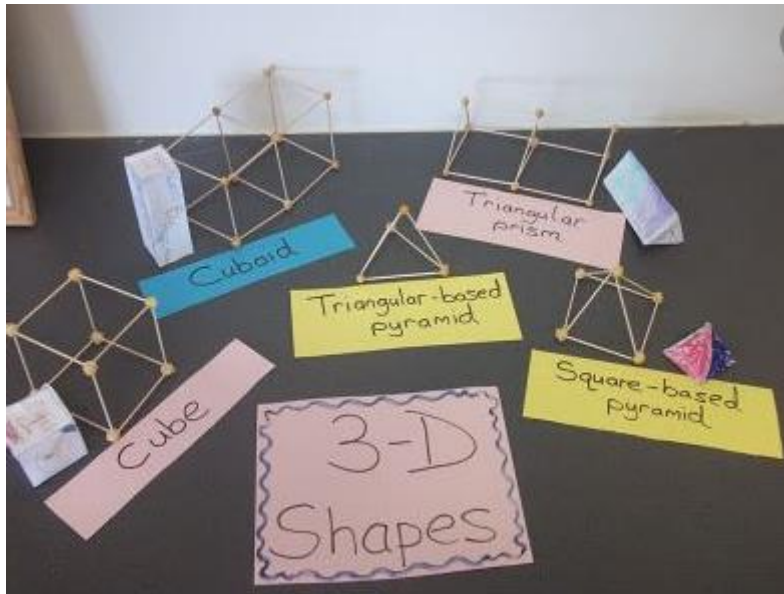
Task 2: Can you write your own clues for a 3D shape? I wonder if I can guess your shapes? Email your clues to me if you would like me to guess.



Challenges: Investigation time!



Using the properties of 3D shapes that you have been learning about the last few days, can you make your own 3D shapes?



You could use: spaghetti, pencils, sticks, lollypop sticks etc.

To hold it together: blue tack, playdough, cellotape, marshmallows, sweets etc.

Have fun!! 😊

Reading Task (Text Features):

Read the following text about oceans of the world. This text links with our topic work on 'Oceans and Seas'. You may use the information to help you complete a task on the topic grid. I hope you find out lots of interesting facts that you didn't know before!

Oceans of the World

An ocean is a large body of salt water. There are five oceans in the world. They cover 71% of the Earth's surface!



Pacific Ocean

The Pacific Ocean is the biggest ocean in the world. The name 'Pacific' means 'peaceful' because it is calmer than the other oceans. Here you will find the Great Barrier Reef, the world's largest coral reef. You will also find Challenger Deep, the deepest place on Earth.



Did You Know?

Humans have only explored 5% of the world's oceans!

Atlantic Ocean

The Atlantic Ocean is the second biggest ocean in the world. It is half the size of the Pacific Ocean. Here you will find the Mid-Atlantic Ridge, the longest mountain range in the world, which runs from Iceland all the way to Antarctica.



Indian Ocean

The Indian Ocean is the third biggest ocean in the world. Even still, it is $5\frac{1}{2}$ times bigger than the USA! It is named after the country of India. The Indian Ocean is the youngest of all the oceans.

Southern Ocean

The Southern Ocean is the second smallest ocean in the world. It is also known as the Antarctic Ocean. It surrounds Antarctica and is the wildest and coldest ocean in the world. It is home to the emperor penguin.



Arctic Ocean

The Arctic Ocean is the smallest ocean in the world. In winter, it freezes over and polar bears live on the ice. The Arctic Ocean is home to walrus and the amazing narwhal.



1. Write down 3 questions that you have after reading this text.
2. Write down 3 interesting facts.
3. Write down 3 things you have learnt from reading the text.
4. Write down the title of the text.
5. How have the different parts of the text been made clear?
6. If this was in a book, what else would you expect to see information about?

Writing/ SPAG Task:



Story openers:

Some authors begin their stories with interesting questions. This makes the reader think and encourages them want to read on to find out the answers to the questions.

Task: What questions could you ask about the picture above to include in the opening of a story? Imagine you are the little girl asking the questions.

For example: How did I get here? Why am I in a boat?

Remember to use capital letters and question marks.



Challenge: What questions can you find in your reading book or a book you have at home? Write them out in your cursive handwriting; focus on letter sizes! Use the cursive writing mat on the home learning page to help you.

