

Thursday 25th June:

Good Morning lovely Year 6 - we hope you're having a good week.
Today is **National Coconut Day!** Who would have thought it?
Perhaps try to make something with coconut in - here are some recipes
<https://www.bbcgoodfood.com/recipes/collection/coconut>



Love Mrs Button and Mrs Amor.

Daily reading

Please read for at least half an hour today.
Read these facts about coconuts – did you learn anything new?

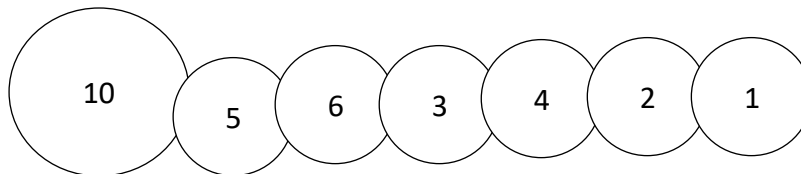
- The coconut comes from the coconut palm tree which grows throughout the tropics and subtropics.
- The name 'coconut' is derived from 16th century Portuguese sailors who thought the 3 small holes on the coconut shell resembled the human face so dubbed the fruit "coco" meaning "grinning face, grin, or grimace" The word nut was added in English later on.
- The coconut palm (*Cocos nucifera*) can grow up to 30m (98 ft) tall and the leaf fronds 4 - 6m (13.1 - 19.7 ft) long.
- Technically the coconut fruit is a drupe not a nut. Typical drupes include peaches, plums, and cherries.
- In the early stages of a coconut's growth, it contains high levels of water which can be consumed directly as a refreshing drink. The water is also gaining popularity as a sports drink as it contains good levels of sugars, dietary fibre, proteins, antioxidants, vitamins, and minerals.
- Coconut water can be a substitute for blood plasma. The high level of sugar and other salts make it possible to add the water to the bloodstream, similar to how an IV solution works in modern medicine. Coconut water was known to be used during World War II in tropical areas for emergency transfusions.
- Coconut milk is not the same as coconut water. Coconut milk has a high fat content of around 17%, but is low in sugars. It is frequently added to curries and other savoury dishes. Coconut cream can also be created from the milk.
- Coir (the fibre of the husk) can be used for making ropes, mats, brushes, sacks, caulking for boats, and as stuffing for mattresses.
- Coconut leaves have many uses such as for making brooms, woven to make baskets or mats, or dried and used as thatch for roofing.
- The white, fleshy part of the coconut seed is called coconut meat. It has high amounts of Manganese, Potassium, and Copper. The meat is used fresh or dried in cooking, especially in confections and desserts such as macaroons.

Daily Maths

This week in Maths, we will be looking at investigations.

1. **Always, Sometimes, Never**
 - All prime numbers are odd.
 - If the digits of any number add up to a multiple of 3, then the number is divisible by 3.
 - Multiplying by any number always makes the result larger.
 - Adding something to a number always makes it larger.
 - Subtracting something from a number always makes it smaller.
 - Dividing a number by something always makes it smaller.

2. Caterpillars



Caterpillars don't live beyond 100 years old.

A caterpillar age is written on the head. The body parts are made in the following way:

If the number is even, half it

If the number is odd, add one

The pattern continues until you reach 1.

An age 10 caterpillar has 6 body parts.

What patterns do you notice with caterpillars with other ages?

How old is the longest caterpillar?

3. Integers to 10

- Pick 2 integers (whole numbers) which add up to 10. (e.g. 3 and 7)
- What is their product? (21)
- Is this the maximum product with a pair which add to 10?
- What is the maximum product? Why do you think that is?
- Which 2 integers which add to 20 will give the maximum product? How will you prove it?
- What about other numbers?
- What about 3 integers which add to 10? What is the maximum product?
- 3 integers that total 20...?
- 4 integers.....etc...

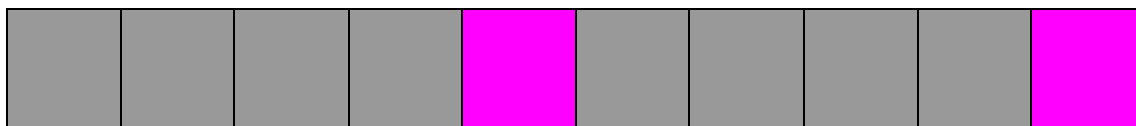
4. Creepy Crawlies

Ross collects lizards, beetles and worms. He has more worms than lizards and beetles together.

Altogether in the collection there are twelve heads and twenty-six legs. How many lizards does Ross have?

5. Path Pattern

Heather is laying a new path. She is using a mixture of grey and pink slabs. Here is her pattern.



How many pink slabs would she need if her path had a total of:

24 slabs?

40 slabs?

100 slabs?

How do you know your answers are correct?

6. Discs



Each disc has another number (not necessarily the same) written on the reverse side.

Tossing the discs in the air and then adding the numbers on the uppermost faces, the totals 9, 10, 11 and 12 can be produced.

What numbers are written on the reverse sides of the discs?

With different numbers on the reverse, can you produce different sets of four consecutive numbers as totals?

How many different consecutive totals can you find?



Either answer the questions below

- How many balloons do you think are taking part in the race?
- What do the crews have to do to win the race?
- What does the winner receive?
- What obstacles might they encounter along the way?
- How many of the crews will make it around the world?
- How do you think the crews would prepare for such a journey?
- What are the most dangerous things that they might encounter?

Or finish this story

After all the months of preparation and building excitement, the big day had finally arrived. In unison, the balloons all took off into the air, leaving the cheering crowd far below, gasping at the magnificent spectacle.

A difficult journey lay ahead, and surely not all of the balloons would make it, but they had to try – the prize of £1,000,000 for the first crew to make it around the world was a great incentive...

Well-being

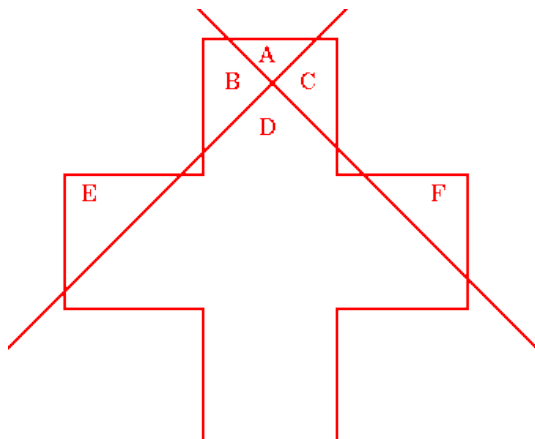
Try the Oti Mabuse **Cha Cha challenge**.

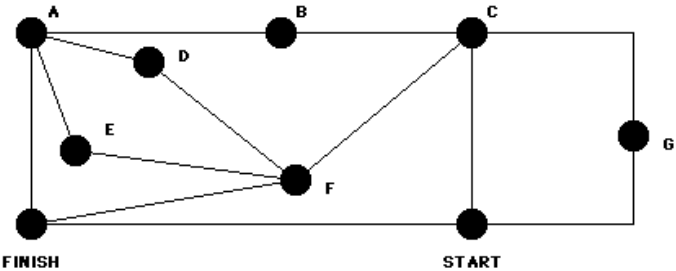
<https://www.youtube.com/watch?v=TqvLba3ERpA>

Problem of the Day

Yesterday's Problem:

I managed to make 6 pieces – did you make any more?



	<p>Today's Problem:</p> <p>The idea is to plod your way along all the streets on this map without going down a street you've been down before.</p>  <p>Starting and finishing in the places indicated, in what order would you visit the letters on the map?</p>
<p>Healthy Me</p>	<p>Try this interval workout to increase your running speed</p> <ul style="list-style-type: none"> • 10 minute warm up • 1 minute fast sprint • 2 minute slow jog • Repeat 4-10 times • 10 minute cool down
<p>The activities below are supplementary and can be used to further extend learning opportunities whilst at home.</p>	
<p>Home Learning</p>	<p>Please look at your Home Learning grid. Visit the school website at https://www.newbridge.bathnes.sch.uk/ and go to the tab Classes and click on your class.</p> <p>Please plan and complete these activities throughout the duration of the school closure.</p>
<p>Termly Spellings</p>	<p>Please take time to learn spellings for future weeks and to re-visit past spellings. These can be found on the school website at https://www.newbridge.bathnes.sch.uk/ and go to the tab Classes and click on your class.</p> <p>Also, you can learn the Year 5/6 statutory words that we have provided for you. Concentrate on the spellings that you know you find tricky.</p> <p>Remember the ways in which we practice them each week in class:</p> <ul style="list-style-type: none"> • Writing them forwards and backwards • Writing the vowels in a different colour • Write them in a pyramid shape • Look, write, cover, check • Each letter could be a different colour • You could also find out their meaning by using a dictionary. • Can you write each one in a sentence?
<p>National Curriculum Word Lists</p>	<p>Look in your Reading Log and find all of the spellings for your year group. How many of these can you learn? Can you write a sentence using the words?</p>
<p>Curriculum Overview</p>	<p>Take time to look at the Curriculum Overview for your year group. This can be found on the school website at https://www.newbridge.bathnes.sch.uk/ Go to the tab Key Information, go down the menu on the left hand side to Curriculum, go to Termly Overview and click on the one for your year group.</p> <p>Talk to a grown up at home and decide on an aspect you would like to find out more about. This means that when you come back to school, you will be able to share something new.</p>

Useful websites

Please see the useful websites list.

Well done for trying all of these areas of learning. Please can I ask that your parent sends a few lines in an email to let me know what you have completed today

All Year 6 communication to go through this email:

6b@newbridge.bathnes.sch.uk

Please look out for tomorrow's learning, from Mrs Amor and Mrs Button.