

Monday 18th May:

Good morning lovely Year 6! We hope that you had a fabulous weekend and are raring to go with this week's learning. We love hearing from you, so don't forget to email us if you complete some of today's learning.

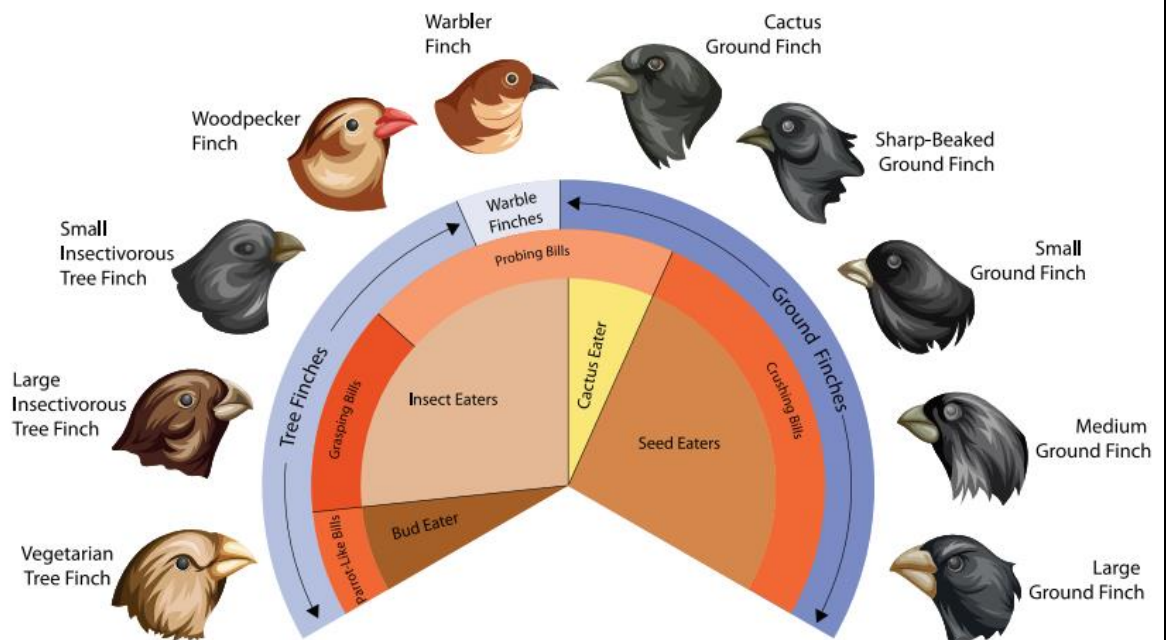
Love Mrs Button and Mrs Amor

Daily reading

Please read for at least half an hour today.

Comprehension - linked to Science:

When Darwin returned from his journey on HMS Beagle, he had an abundance of information to work through. Some of this was in the form of sketches; others were samples of animals and plants. Unfortunately, his note keeping was less than perfect and it took many years to sort out all of the mess. One of the things he had made notes on was the variety of small birds, called finches, found on different islands. He didn't take notes on which island they were found on, and this took even longer to sort out. When the information was finally sorted out, Darwin's friend (John Gould) recognised at once that each of the different finches had a beak designed for a different purpose.



It was this that led Darwin towards the realisation that some species of animals had developed differently, depending on the challenges they faced.

Eventually, Darwin wrote a 230 page explanation of his findings. For an unknown reason, he then put this away and started work on an investigation into barnacles that took him several years. In the end, he declared, "I hate a barnacle as no man ever did before." When Darwin eventually published his theory, the different designs of the beaks was a key element. It proved that different birds had developed different shaped beaks to tackle different food sources. Some had broad beaks suitable for eating seeds whilst others had beaks more suited to grasping insects.

1. How many types of ground finch are listed?
2. Find a word or phrase that tells you Darwin collected a lot of information.
3. Why did it take a long time to work through Darwin's collection?
4. What has the author included the quote from Darwin about barnacles?
5. What did Darwin do after he finished writing his explanation?
6. How do you think Darwin's feelings towards barnacles changed during his life? Why?
7. List two finches that you think would be best suited for eating insects.

Year 6 Book Group

I would like you to read chapters **eleven to fifteen of Orphans of the Tide by Struan Murray** (make sure you have a biscuit and a drink when you are reading). Who is your favourite character so far?

Daily Maths**Fibonacci sequences:**

Fibonacci sequences are named after a merchant, one Leonardo of Pisa who had the nickname Fibonacci. On his travels, around 1200 AD, he learnt a lot of mathematics (particularly algebra) in Algeria, Egypt, Syria, Greece, Sicily and Provence (France). The Arabs had developed the study of mathematics for about 800 years after the fall of the Greek and Roman civilisations. The story behind the methods in this problem spans this whole period.

The Fibonacci sequence is:

1,1,2,3,5,8,13,21...

where each term is the sum of the two terms that go before it (i.e. $1+1=2$, $1+2=3$, $2+3=5$ and so on.)

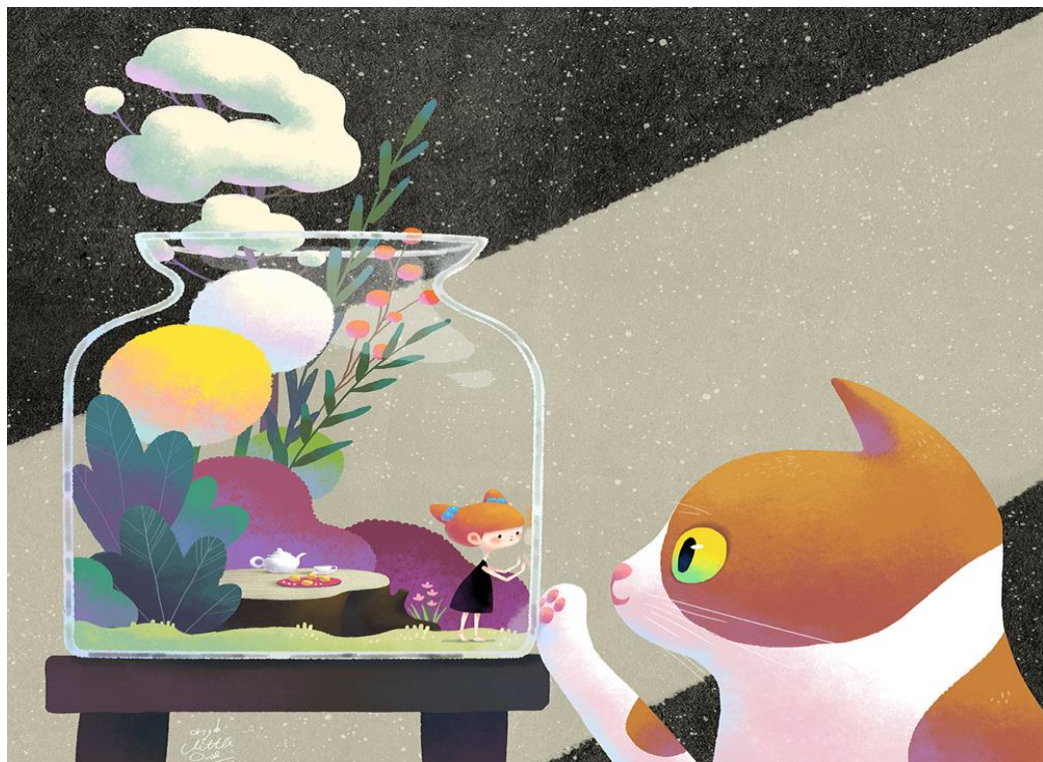
1. What is the sixth term of the Fibonacci type sequence that starts with 2 and 38 as the first two terms?
2. Try adding together any three consecutive Fibonacci numbers. What do you notice? Can you explain it?
3. Choose any four consecutive Fibonacci numbers. Add the first and last and divide by two. What do you notice? Can you explain it?
4. Add together any six consecutive Fibonacci numbers and divide by four. What do you notice? Can you explain it?
5. Can you discover any Fibonacci surprises of your own?


Daily English**This week, there will be two choices per day for English.**

One is linked to fiction and the other to non-fiction - you can choose which one you want to do.

Fiction - That Jar Life - some ideas for writing:

- Why is the girl inside the jar?
- How did she get there?
- Can she get out? Does she want to?
- Does she have everything she needs inside the jar?
- Why is the cat looking at her? Are they communicating? Are they friends?
- Write in first person. Choose whether you want to write from the girl's perspective, or the cat's.
- Imagine a world where animals keep humans as pets. Would anything be similar to our world as it is? What would be different?



	<p>Non-fiction - Writing to Inform A non-chronological report/biography about Charles Dickens:</p> <p>Watch the video and take notes on Charles Dickens’s life and then write a biography – use the sentence openers and paragraph starters to help you.</p> <p>https://vimeo.com/47278994</p> <p>Sentence openers and paragraph starters for a non-chronological report. Introductory paragraph:</p> <p>Have you ever heard of...? This is a report about... Imagine... Charles John Huffam Dickens was...</p> <p>Main content: Life wasn’t always easy for Charles... Furthermore/Occasionally/Despite this/Amazingly/Even though/Did you know...?</p> <p>Conclusion:</p> <p>Upon his death.... His legacy lives on....His life was...</p>
<p>Well-being</p>	<p>Did you know it is Mental Health Awareness Week and the theme is kindness?</p> <p>We would love to see photos or hear how you have been kind to yourself or someone else this week. Remember when we showed random acts of kindness? Can you offer to help lay the table every day? Can you draw a picture for an elderly neighbour? Can you make a poster about a member of your family, telling them all the reasons that make them special?</p> <p>Try and be kind to yourself or someone else every day this week.</p>
<p>Problem of the day</p>	<p>Friday’s answer:</p> <p>7 times 4 = 28 legs (7 sheep with four legs) 40 - 28 = 12 legs (for ducks, 6 ducks) 7 sheep and 6 ducks = 13 heads</p> <p>Today’s Problem:</p> <p>A police officer saw a truck driver clearly going the wrong way down a one-way street but did not try to stop her. Why not?</p>
<p>Healthy Me</p>	<p>Why not make a healthy smoothie today?</p> <p>What will you put in yours? A Button family favourite is frozen or fresh berries, almond milk, a banana and a small teaspoon of peanut butter.</p> 
<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>

Termly Spellings	<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?
National Curriculum Word Lists	<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>
Curriculum Overview	<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	<p>Please see the useful websites list.</p>
<p><i>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.</i></p> <p><i>All Year 6 communication to go through this email:</i></p> <p>6b@newbridge.bathnes.sch.uk</p> <p><i>Please look out for tomorrow's learning, from Mrs Amor and Mrs Button.</i></p>	