

Thursday 14th May: Good morning one and all! On this day, in 1944, the prolific director and producer, George Lucas, was born - without whom we would have no Star Wars. So, no lightsabres, no 'May the Force be with you', no Darth Vader and no Jar Jar Binks! Throughout this time of daily learning, we have received many examples of your fantastic work which have included short videos, animations and stories. Continue to enjoy making your own original creations and one day, you might be the one who creates the next science fiction masterpiece.

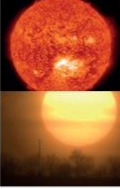
Daily reading

Please read through today's reading comprehension about the Sun, then answer the attached comprehension questions (both of which can be downloaded as a .pdf from the Year 5 daily learning page).

The Sun

The Sun is the star at the centre of our solar system. That is why it is called a solar system. The word solar means 'relating to the Sun'. The planets in our solar system stay together because the Sun is so big its gravity keeps us all locked in orbit.

Making Energy:
The Sun provides almost all the energy, light and heat needed on Earth mainly using hydrogen and helium. Energy is made at its core in the centre of the Sun's sphere. Around the core is the radiative zone which carries the energy to the next layer - the convection zone. It takes about 170,000 years for the energy to move from the core to the convection zone! The photosphere is at the Sun's surface and the energy gets to there from the convection zone in large bubbles. From here, the energy escapes (through the chromosphere and corona) and some of it comes to Earth. It takes about 8 minutes for heat to reach us from the Sun.



Did you know?
Surface temperature: 5505°C
Distance to Earth: 149.6 million km
Radius: 696,342 km
Circumference: 4,346,813 km (2,713,406 miles)
Mass: 1,989,000,000,000,000,000,000,000,000kg
(About 1.3 million Earths could fit inside the Sun)

Lifespan:
The Sun is actually a yellow dwarf star and was created about 4.6 billion years ago. The Sun will eventually run out of energy and fade, but don't worry... this won't be for another 4.5 to 5.5 billion years yet! Before the Sun eventually fades, in an unimaginable time from now, it will get bigger and turn into what is called a 'red giant'. In 1.1 billion years from now, the Sun will be 10% brighter than it is today. This will make Earth a bit like a greenhouse - hot and moist. 3.5 billion years from now, it will be even brighter than that at 40% more than it is today. This will be so hot that the oceans will boil and the ice will melt. It's safe to say that then there will be no life on Earth by then, but with space travel already making new discoveries and exploring other planets, where do you think humans will be by then?

Daily times tables

Complete these multiplication grids using your knowledge of times tables up to 12 x 12:

a)

×	4	6	2	9
7				
0				
8				
5				

b)

×		5		7
5				
9	81		36	
		15		
				21

c)

×		8	7	
				16
			35	
		56		
	144			

Termly Spellings

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.

This week's spellings are:

guessed whose morning
guest who's mourning

Activity:

Make up a clue for each of this week's words then ask a family member to guess which word you are describing. For example:

Which word am I? This word begins at the break of day and is followed by the sound of ringing alarm clocks and boiling kettles.

Daily Maths

Yesterday, you were adding decimals with the same number of decimal places. Today's learning objective is: **subtracting** decimals with the same number of decimal places.











<https://whiterosemaths.com/homelearning/year-5/>

For those of you who can access the website it is Summer term, week beginning 27th April /Lesson 2.

If you cannot access the website, please complete these questions in your maths book.



Use the place value chart to find the to answer $4.33 - 2.14$

Ones	Tenths	Hundredths
   	  	  

$$\begin{array}{r} 4.33 \\ - 2.14 \\ \hline \\ \hline \end{array}$$



Use the column method to answer these questions.

$$\begin{array}{r} 6.4 \\ - 3.8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5.05 \\ - 2.15 \\ \hline \\ \hline \end{array}$$

In this number pyramid, each number is calculated by adding the two numbers underneath.


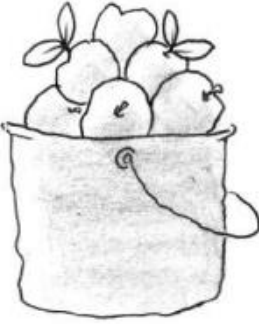


If you would rather learn maths through a more practical task - try this:

Use coins to make some decimal subtraction sums, i.e.: £2.72 - £1.42



Try placing the coins into a column subtraction sum and making sure that each coin has its correct place value.

Daily English	<p>Can you create a story using only 50 words?</p> <p>A 50-word story is a piece of fiction written in <u>exactly</u> 50 words. You can include as much punctuation as is necessary.</p> <p>As with any other form of fiction, a 50-word story should have a beginning and an end, a plot and a theme, meaning, or purpose of some sort. Many 50-word stories are built around twists or climactic moments.</p> <div data-bbox="331 315 488 539">  </div> <p>Here is an example featuring a cake:</p> <p>There was a cake. Not a normal cake, a tiny cake. Eyes popped out of the icing. Legs grew out quickly, then a mouth. "I'm talking!". The cake slid and hung off the table on his tippy-toes. Then he heard footsteps. He got nervous and turned into a normal cake.</p> <p>By using only 50 words - there is the opportunity to focus fully on: spelling words correctly, improving verbs and adjectives, using the correct punctuation, ensuring cohesion (that your story makes sense).</p> <p>More examples can be found here: https://www.scottishbooktrust.com/50-word-fiction</p>
Healthy Me	<p>Continue to build on the exercise you have been improving at this week.</p> <p>Exercise is a great way to feel even happier as it releases chemicals in the brain which play an important part in regulating our mood. You could also try decluttering your bedroom or writing a letter to a friend or family member as these activities can also promote a feeling of well-being :)</p>
Problem of the day	<div data-bbox="331 913 1469 1323"> <div data-bbox="379 943 576 981">Problem 85</div> <div data-bbox="603 943 799 981">Numbers 123</div> <div data-bbox="1362 936 1453 1003"> Level A </div> <div data-bbox="368 1039 906 1249"> <p>During the holidays, Karen picked apples at the Granny Smith Orchard. She was paid 10p for the first bucket of apples, 20p for the second, 40p for the third and 80p for the fourth. How much was she paid for the eighth bucket?</p> </div> <div data-bbox="1034 949 1294 1272">  </div> </div> <p><i>Answer hint: £ = the third multiple of 4, pence = a third of 240</i></p>
The activities below are supplementary and can be used to further extend learning opportunities whilst at home.	
Home Learning	<p>Please look at your Home Learning grid.</p> <p>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>
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? Use the strategies listed at the top of the page.</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 we ask that your parent sends a few lines in an email to let us know what you have completed today</i></p> <p>5B: 5b@newbridge.bathnes.sch.uk 5H: 5h@newbridge.bathnes.sch.uk</p> <p><i>Please look out for tomorrow's learning, from Mrs Bartlett and Mr Handson</i></p>	

