

Monday 27th April 2020

(Greek)

καλημέρα - kaliméra Class Five!
(Good morning)



Quite a few of you were asking lots of questions about what viruses are, how a person becomes infected and how the body fights the virus (like the common cold) before school closed. I have found a fun 30 minute episode from Story Bots that is quite entertaining so here is the link if you want to watch it. <https://www.youtube.com/watch?v=0ECPrtjnoCg> (This isn't part of today's learning tasks you only need to watch it if you want to).



Friday's answers:

Maths

$20 + 14 = 54$	$135 + 67 = 202$	$2371 + 345 = 2716$	$57.43 \times 1000 = 0.05743$
$5 \times 3 = 15$	$326 - 119 = 445$	$9052 - 218 = 8834$	$56.02 \times 10 = 5.602$
$43 + 25 = 68$	$56 \times 10 = 560$	$121 \div 11 = 11$	$45328 + 8991 = 54319$
$15 - 6 = 9$	$452 = 400 + \underline{50} + 2$	$6.7 \times 100 = 0.067$	$78003 - 5988 = 72015$
$10 \div 5 = 2$	$24 \div 4 = 6$	$345 \div 10 = 34.5$	$640 \div 8 = 80$
	$892 + 230 = 1122$	$2308 + 6739 = 9047$	$14400 \div 12 = 1200$
		$70 \times 8 = 560$	$67 \times 652 = 43684$
			$80 \times 70 \times 20 = 112000$

English

The model verbs are underlined here:

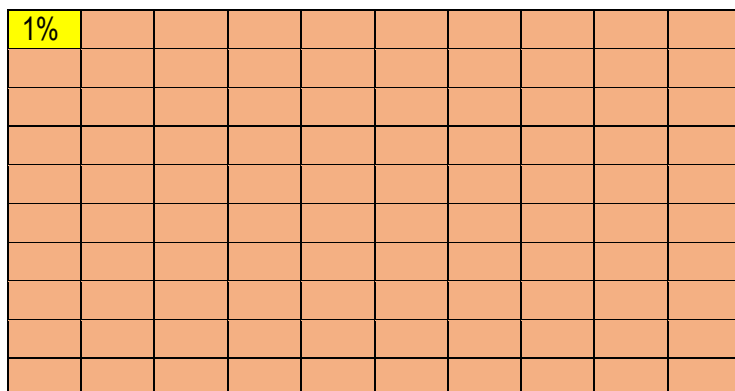
1. If she entered the competition, Nicole might win a prize.
2. It would have been great if we won the football match.
3. We will complete the activity if we work together.
4. Lexi's mum said that she should always try her best at school.
5. "Yes you may go to the toilet," the teacher said.
6. Dad thought that he ought to wash the car before going to grandma's house
7. We could go to the zoo at the weekend or go bowling.

Here are the contracted forms:

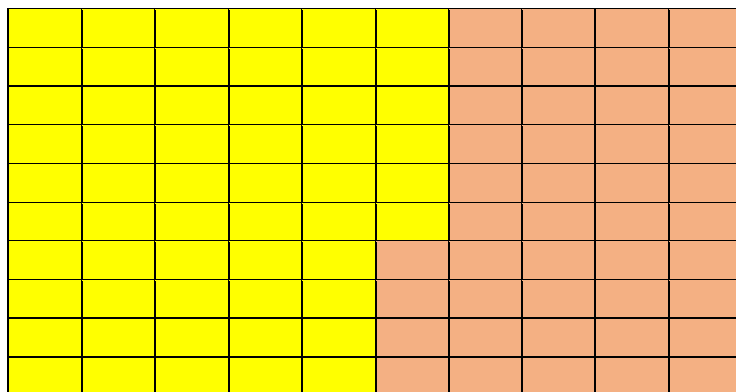
would not = wouldn't
will not = won't
would not = wouldn't
could not = couldn't
shall not = shan't

Maths

At the start of this week we will revise percentages. To begin with today we will match percentages to decimals. Remember, a percentage is just fraction or decimal. Here I have split a shape into 100 equal parts so each part is 1% or $\frac{1}{100}$.



100% means all of it or one whole. If I had 56 out of 100 pieces I would have 56% or $\frac{56}{100}$



Choose a difficulty and complete. The first question for each has been **done for you** to show you how to complete it.

$$10\% = \frac{10}{100}$$

$$20\% = \frac{\quad}{100}$$

$$30\% = \frac{\quad}{100}$$

$$40\% = \frac{\quad}{100}$$

$$50\% = \frac{\quad}{100}$$

$$4\% = \frac{4}{100}$$

$$17\% = \frac{\quad}{100}$$

$$78\% = \frac{\quad}{100}$$

$$83\% = \frac{\quad}{100}$$

$$17\% = \frac{\quad}{100}$$

$$40\% = \frac{4}{10}$$

$$90\% = \frac{\quad}{\quad}$$

$$70\% = \frac{\quad}{\quad}$$

$$134\% = \frac{134}{100} \text{ or } 1 \frac{34}{100}$$

$$172\% = \frac{\quad}{100} \text{ or } \frac{\quad}{\quad}$$

$$156\% = \frac{\quad}{\quad} \text{ or } \frac{\quad}{\quad}$$

English - Writing

Write a short piece about this scene.

Make sure you use detailed description and action.

Think carefully about the different techniques you could use. For example: fronted adverbials (start with action), similes, metaphors, parenthesis for extra information, the 9 writing ideas (FANTASTICs) and many more.

I really enjoyed reading some of your descriptions of the Viking ship sailing through the stormy ocean. 😊

Please take a photo and send me your writing pieces or you could type it and email.

yearfive@blowers.dudley.sch.uk



English – Spelling

Choose a spelling list and **copy each word out 5 times** or **use it in a sentence**. Take care to make sure they are spelt correctly.

calendar

caught

centre

century

certain

circle

category

cemetery

committee

communicate

community

competition

Science

We learned about Isaac Newton when studying forces. **Research** Isaac Newton and **write down 5 facts**.

You could use these websites:

<https://www.theschoolrun.com/homework-help/sir-isaac-newton>

<https://www.bbc.co.uk/teach/class-clips-video/discovering-the-work-of-sir-isaac-newton/zr4mf4j>

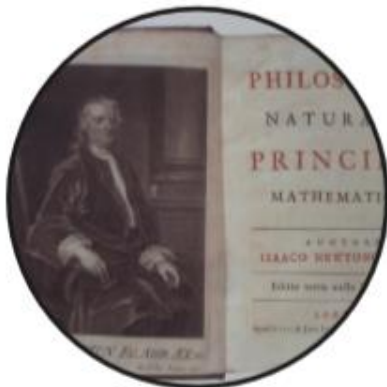
If you do not have access to a device to explore those websites, use the information below.



Isaac Newton was an English scientist and mathematician. He made many discoveries in his lifetime. One of the most important and influential discoveries that he made was the law of gravity.

Newton was born in 1643 at Woolsthorpe Manor in Lincolnshire. He worked hard at school, and was accepted to study at Cambridge University. He worked there for many years, but in 1666 Plague broke out and he was forced to move back to Woolsthorpe Manor.

While Newton was in the garden at Woolsthorpe Manor one day, he saw an apple fall from a tree. Some say it fell on his head but there is no evidence that this definitely happened. The sight of the apple falling down from the branch to the ground inspired Newton to think about the way it fell. Years later, he told his friend William Stukeley that he wondered why the apple fell down rather than sideways or upwards. He concluded there must be a 'drawing power' in the Earth and that 'the sum of the drawing power must be in the Earth's centre, not in any side of the Earth.' (Stukeley's manuscript can be found at royalsociety.org/library/turning-pages).



Newton spent a lot of time thinking hard about the force of gravity, and how it pulls objects down towards the centre of the Earth. He was particularly interested in the way the Moon orbits the Earth, and he reasoned that gravity must extend over vast distances, pulling the Moon towards the Earth and keeping it in orbit.

In 1687, Newton published his discoveries about gravity in his famous book, The Principia. His findings are known today as Newton's Law of Universal Attraction.



Newton died in 1727, but his legacy lives on. All forces are measured in newtons (N), using a newton metre – both of which are named after Isaac Newton. Even Albert Einstein, writing in 1927, 200 years after Newton's death, described Newton as a 'shining spirit', and claimed he had one of the most brilliant minds of anybody who had ever lived.

Today the apple tree that inspired Newton's ideas still grows in the gardens at Woolsthorpe Manor, now owned by the National Trust. It can be seen from the window of the room that was Isaac Newton's bedroom.