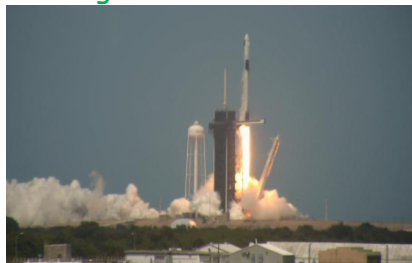


Hello year fives! We hope that you are having a good week and enjoying your learning.

English

Reading



At the beginning of the week you looked at information about SpaceX's first astronaut launch. While reading your research you would have come across lots of technical and subject specific vocabulary. Make a list of these words and phrases and look up their meanings. The technical words might be complicated but try and understand at least a little bit about how it all fits together.

For example:

NASA - National Aeronautics and Space Administration. NASA is a U.S. government agency that is responsible for science and technology related to air and space.

Thrusters -a small rocket engine on a spacecraft, used to make alterations in its flight path or altitude.

Spelling



profession opportunity determined temperature

Four words from the year 5 and 6 spelling list that have a link with SpaceX.

Use the spelling learning methods that you thought about earlier in the week to learn these spellings. It is also important to discuss how you think they link to SpaceX.

The Spelling test on Sumdog will be available for all again for a week. For those that didn't get to it before half term, I hope you manage it this time. Those that did complete it last time, see if you can improve on your score.

English task



Direct speech.

Now you have had a go at using the correct direct speech punctuation, it is time to write your first meeting with your character from your imaginary world. Miss Norcross has made a short teaching video to support your learning and understanding. This is available on Google Classroom.

You need to imagine that your three children have travelled to your imaginary world and have come across someone or something. We would like you to write your first conversation with this character. Remember to include the correct speech punctuation, avoid using said and add in extra information that you would expect to read when reading a story.

See if you can spot the missing punctuation at the end of the video. This highlights the importance of editing, going back over your work and spotting corrections.

Maths

Mental maths



How many sides would three pentagons and five hexagons have in total?

Prime numbers between 1 and 30?

Factors of the number 36?

$3^2 + 5^2 = ?$

What is 2021 in Roman numerals?

Let's think more about matching fractions, decimals and percentages (FDP). You could have a go at the following game using the link from the website NRich:

<https://nrich.maths.org/1249>

You need to find the matching pairs by clicking on the cards. You can make the game easier by changing the cards so they are face up. You can add a scoring system also. There are also other levels of the game which are more difficult.

You might like to make your own card game by either printing out the cards that

$\frac{1}{2}$	0.75	30%
10%	$\frac{2}{5}$	$\frac{1}{4}$
25%	0.3	
	0.5	
$\frac{9}{10}$	70%	0.9
$\frac{1}{5}$	$\frac{1}{100}$	0.8
80%	0.7	0.6
20%	$\frac{3}{5}$	0.01

are attached or making your own set using the ones on the left as your guide. Play with a family member by turning the cards face down and seeing whether you can find a matching pair.

Please have a go at the times table questions that we have set you on Sumdog. We are hoping that you haven't forgotten them! There are 50 questions to answer correctly and you have a week to do it. We have chosen times tables that you need to work on or, if you have proved you are confident with them all, you have a mixed bag to try!

Maths task

Easy percentages		
Percentage	Fraction	How to find it...
50%	$\frac{50}{100} = \frac{1}{2}$	Divide by 2
25%	$\frac{25}{100} = \frac{1}{4}$	Divide by 4
75%	$\frac{75}{100} = \frac{3}{4}$	Find 25%, then multiply by 3
10%	$\frac{10}{100} = \frac{1}{10}$	Divide by 10
20%	$\frac{20}{100} = \frac{1}{5}$	Divide by 5, or double 10%
5%	$\frac{5}{100} = \frac{1}{20}$	Divide by 20, or half 10%
1%	$\frac{1}{100}$	Divide by 100

b)

We have been thinking this week and before half term about percentages and which fractions and decimals are equivalent to these. Have a go at answering the following questions about them. The answers are included at the bottom of our home learning for you to check with.

Which numbers fill the table to make it correct?

Fraction	Fraction with a Denominator of 100	Percentage	Decimal
$\frac{40}{50} =$	$\frac{80}{100}$	%	
$\frac{30}{50} =$	$\frac{\quad}{100}$	%	
$\frac{80}{200} =$	$\frac{\quad}{100}$	%	
		%	

a)

c)

Three children are describing a different percentage.

Give two possible percentages that each child could be describing.



The fraction equivalent to my percentage is between $\frac{20}{100}$ and $\frac{20}{50}$.

Sammy



As a decimal, my percentage is between 0.15 and 0.2.

Ethan



My percentage is between 0.13 and $\frac{70}{100}$.

Nadia

How about trying out some challenges?

True or false?

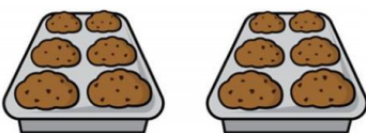
$$\frac{42}{100} < 0.8 > 14\%$$

$$30 \text{ parts per hundred} > 4\% > 0.3$$

$$18\% < \text{ } < 0.5$$

Challenge 1

Eric bakes these two trays of muffins.



He eats 2 muffins.

His dad eats 3 muffins.

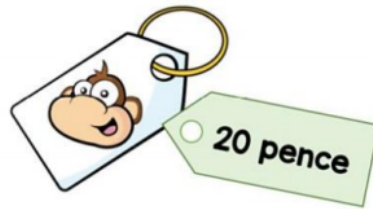
His sister eats 4 muffins.

How many muffins does he have left?

We will give you the answers to the challenges next week.

Challenge 2

Lola buys this key ring.



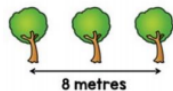
Her mum gives a quarter of the money.
She pays for the rest herself.
How much does she pay herself?

Challenge 4

Ten trees are planted in a row.



The trees are spaced out equally.
The distance between the fourth and sixth tree is 8 metres.



What is the distance between the first and last tree?

Challenge 3



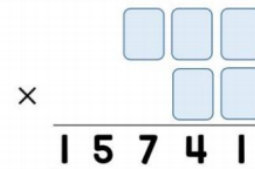
How old is the teacher?

Challenge 5

Filip has these five digit cards.

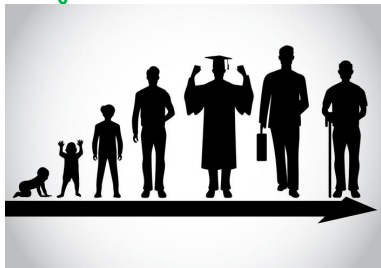


He uses all of the cards to make a three-digit number and a two-digit number.
He multiplies the two numbers together and the answer is 15,741.



Other

Subject 1: Science



Life changes

Talk to your parents/carers about what you were like when you were younger. See if you can find out the answers to these questions.

How much did you weigh when you were born?

What was your first word?

When did you learn to walk?

When did you learn to swim? Ride a bike?

Draw a timeline from the year you were born to 2020. Divide it up into years. Now mark on to your time line when important events happened in your life. You might include starting school, brothers/sisters being born, moving house etc.

Now think about what you would like to happen to you in the future e.g. ideal job, where you would like to live. Write down your thoughts.

Subject 2: Computing



The time has come. **Scratch is not required for this week's task.**

Hopefully, you have all managed to sign up to Scratch and maybe have had a bit of a go. There are tutorials to watch within Scratch to support your learning further throughout our work with Scratch.

To start with watch these two videos to familiarise yourself with this coding programme and start planning your game.

This video introduces the long term task.

https://www.youtube.com/watch?time_continue=147&v=vtmpJd-IXfo&feature=emb_title time 2:27

This video will support your planning process. You will need some A4 paper, pens and a ruler. Copy the design for your game.

https://www.youtube.com/watch?v=L4NvizxbqSk&feature=emb_rel_end
 time 18:16 Lesson 1

PE



Virtual Sussex School Games. Don't worry if you haven't signed up, you can still submit your scores. You just need to go to the website (see below), click on 'Submit your scores', put in your first name and initial, school: St Margaret's (Littlehampton) and year group. *They have us under Littlehampton.*

Look at your **Netball and Basketball challenges** (see Google classroom to check what they involve and watch the videos). Practise again later in the week to get your best score. **Remember to submit your score before midday on Friday.** <https://www.activesussex.org/virtual/>

Maths answers from above (equivalent fractions, decimals and percentages)

Decimal	Percentage	Fraction with a Denominator of 100	Fraction
0.65	65 %	$\frac{65}{100} = \frac{13}{20}$	$\frac{13}{20}$
0.4 or 0.40	40 %	$\frac{40}{100} = \frac{2}{25}$	$\frac{2}{25}$
0.6 or 0.60	60 %	$\frac{60}{100} = \frac{3}{10}$	$\frac{3}{10}$
0.8 or 0.80	80 %	$\frac{80}{100} = \frac{4}{10}$	$\frac{4}{10}$

True: $18\% < 0.5$

False: $4\% = 0.04$ which is not greater than 0.3 so this is false

True: $\frac{42}{100} < 0.8 > 14\%$

True or false?

Nadia: *Nadia's percentage is any between 13% and 35%.*

Ethan: *My percentage is between 0.13 and $\frac{70}{100}$.*

Ethan: *Ethan's percentage is any between 15% and 20%.*

Sammy: *As a decimal, my percentage is between 0.15 and 0.2.*

Sammy: *Sammy's percentage is any between 20% and 40%.*

Sammy: *The fraction equivalent to my percentage is between $\frac{20}{100}$ and $\frac{50}{100}$.*

Three children are describing a different percentage. Give two possible percentages that each child could be describing.

Why not have a look at **Google Classroom?**



Keep checking Google classroom for posts. Consider the work you are sharing with everyone, pick your best pieces. There is a new science quiz to complete about life cycles. Good luck and make sure you discuss what you have learnt with your family members. Even some of your adults might not know all these facts.

Your next learning will be on **Monday 8th June**. Have a great weekend everyone. x