

Hello year fives! We hope that you are having a good week and enjoying your learning. We are getting towards the end of term so this is the last push. You can do it!!

English

Reading



Use these two days to research which books you want to read over the summer. Ask friends and family for recommendations too.
 Non-fiction - you might want to learn more about some of the topics that we have studied in year 5, including areas of science, art and music.
 Fiction - some popular children authors at this time include: Sophie Anderson, Katherine Rundell, Jess Butterworth, Onjali Rauf, Kiran Millwood Hargrave, Aisha Bushby, Susanna Bailey, Amy Wilson, Ross Welford, Cressida Cowell, Tony Bradman, Nicola Davies, Jane Elson and Ross Mackenzie.

Spelling



Look closely at these words. Learn how to spell them, some are tricky. I picked the spellings words that you might need to learn.

kayaking, scavenger hunts, museums, science experiments, barbeques, sandcastles, stargazing, library, ocean, bicycle.

These are all places to consider visiting or activities that you might want to try over the summer (if open and available).

Make the most of your school holidays.

English task

Steps to Success: Pirate Diary Extracts

- First person
- Descriptive vocabulary
- Capital letters and full stops
- Detail
- Punctuation
- Paragraphs
- Sentence starts
- Different length sentences
- Subordinate clauses
- Opinions, thoughts and feelings

Please continue writing your pirate diaries. Go through the 'Steps to Success' as you write and edit. It would be great to see some of your entries on Google Classroom.

It is a dangerous and adventurous life aboard a pirate ship. Your diary records will be an interesting read when they are discovered in years to come.

This will be the last writing piece for year 5, so make it a great one. Read it to family members, friends and pets.

Maths

Mental maths



Using a formal written method, try the following:
 $2347 \times 6 =$ (short multiplication)
 $127 \times 24 =$ (long multiplication)
 $7483 \div 7 =$ (short division, bus stop)
 $43, 293 + 26, 388 =$ (column addition)
 $78, 637 - 59, 426 =$ (column subtraction)

Now have a look at your answers and compare them to the correct answers below. If your answer doesn't match, try again and see if you can see where you went wrong.

$$2347 \times 6 = 14,082$$

$$127 \times 24 = 3,048$$

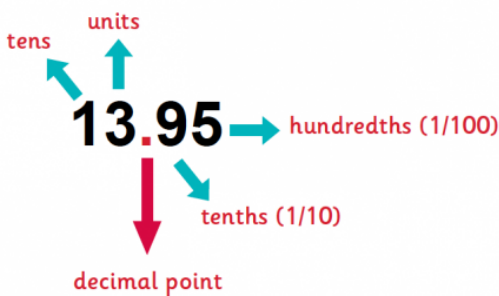
$$7483 \div 7 = 1,069$$

$$43,293 + 26,388 = 69,681$$

$$78,637 - 59,426 = 19,211$$

Please let your teacher know by email if you would like any of these methods shown again.

Maths task



These are the answers to last week's challenges:

Challenge 1 = 2cm

Challenge 2 = B

Challenge 3 = 1, 4 and 7

Challenge 4 = Yellow circle

Challenge 5 = 192cm^2

This week we have been looking at multiplying decimal numbers by 10, 100 and 1000. This an area we have found tricky in the past. Hopefully, you feel happier with multiplying as today is dividing.

Watch this video on the BBC bitesize page first to help you start to understand:

<https://www.bbc.co.uk/bitesize/articles/ztxy6g8>

Remember: **When dividing, the digits move to the right since the number gets bigger, but remember, the decimal point does not move.**

A trick to help you remember how many places the digits need to move is by looking at the zeros in 10, 100 and 1000.

For example, there are 3 zeros in 1000, so you need to move the digits 3 places to the right to divide by 1000.

- $\div 10$ - 1 zero move 1 place
- $\div 100$ - 2 zeros move 2 places
- $\div 1000$ - 3 zeros move 3 places

Please use the White Rose website:

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

And scroll down to **week 9 (w/c 22nd June)**. Watch the video for **lesson 4**. This will explain about dividing decimal numbers by 10, 100 and 1000.

We will then try the worksheet that goes with this video. There is a screen shot here or it is included with our home learning on the website. The answers for the worksheet are included at the bottom.

Dividing decimals by 10, 100 and 1,000



1 Complete the divisions.

a)

H	T	O	Tths	Hths
		5		

 $5 \div 10 = \square$

b)

H	T	O	Tths	Hths
	1	5		

 $15 \div 10 = \square$

c)

H	T	O	Tths	Hths
		3	8	

 $3.8 \div 10 = \square$

d)

H	T	O	Tths	Hths
	1	3	8	

 $13.8 \div 10 = \square$

What do you notice when you divide a number by 10?

2 Complete the calculations.

a) $7 \div 10 = \square$ d) $16 \div 10 = \square$

b) $7.8 \div 10 = \square$ e) $16.4 \div 10 = \square$

c) $7.86 \div 10 = \square$ f) $16.48 \div 10 = \square$

3 Use a place value chart to work out $136 \div 1,000$

H	T	O	Tths	Hths	Thths
1	3	6			

Complete the calculation.

$136 \div 1,000 = \square$

Talk to a partner about your method.

4 Use your knowledge of measure to work out the answers.

a) What is the mass of the box in kilograms?

$\square \div \square = \square$ 2,340 g

b) What is the height of the sunflower in metres?

$\square \div \square = \square$ 235 cm

c) What is the amount of juice in litres?

$\square \div \square = \square$ 100 ml

3 Complete the divisions.

a)

H	T	O	Tths	Hths	Thths
	1	7			

 $17 \div 100 = \square$

b)

H	T	O	Tths	Hths	Thths
		9	4		

 $9.4 \div 100 = \square$

c)

H	T	O	Tths	Hths	Thths
	2	7	6		

 $276 \div 100 = \square$

d)

H	T	O	Tths	Hths	Thths
	3	2	5		

 $32.5 \div 100 = \square$

What do you notice when you divide a number by 100?

4 Complete the divisions.

a) $7 \div 100 = \square$ b) $109 \div 100 = \square$

$7.2 \div 100 = \square$ $10.9 \div 100 = \square$

$7.25 \div 100 = \square$ $10.95 \div 100 = \square$

7 Complete the calculations.

a) $147 \div 10 = \square$ c) $3,200 \div 10 = \square$

$147 \div 100 = \square$ $3,200 \div 100 = \square$

$147 \div 1,000 = \square$ $3,200 \div 1,000 = \square$

b) $21 \div 10 = \square$ d) $5,006 \div 10 = \square$

$21 \div 100 = \square$ $5,006 \div 100 = \square$

$21 \div 1,000 = \square$ $5,006 \div 1,000 = \square$

8 Complete the divisions.

a) $83 \div \square = 0.83$ e) $1,799 \div \square = 17.99$

b) $\square \div 10 = 0.95$ f) $\square \div 100 = 11.8$

c) $\square \div 10 = 3.9$ g) $178 \div \square = 17.8$

d) $68 \div \square = 0.068$ h) $3.18 \div \square = 0.318$

Challenge 1

Rani has 38p.

I have 10p more than Rani.



I have 20p less than Eva.

How much money does Eva have?

Challenge 2

If

\times = 25

and

\times = 100

Work out the value of

\times

Challenge 3

A sequence is made up of three 2-digit numbers.

The sequence increases by eight each time. These are the digits that make up the three numbers.



Work out the numbers in the sequence.

Maybe you would like to have a go at some challenges? They start easy and get harder! Answers to the challenges next week!

Challenge 5

The mass of an empty jar is 470 g.



6 marbles are placed in the jar.



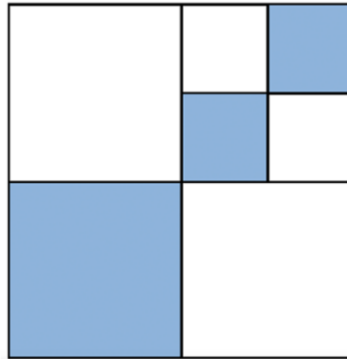
The total mass of the jar and marbles is now 1.1 kg.

Two of the marbles are removed.

What is the mass of the jar and marbles now?

Challenge 4

A square is divided into smaller squares.



What fraction of the square is shaded?

Other

Subject 1: Vikings/Art



We have learnt about the Viking warriors and the first attacks on Britain. We have thought about how the Vikings started to settle and make Britain their home. We have learnt about Viking food, Gods they believed in and how they used runes. Today we will think about what the Vikings would wear.

Have a look at the following video:

<https://www.bbc.co.uk/bitesize/clips/zksfb9q>

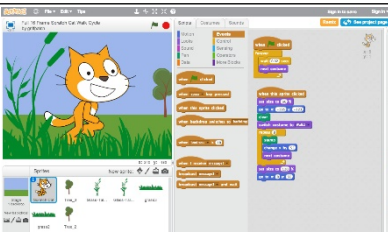
Now draw yourself as Viking. What clothes would you be wearing? How much jewellery would you have on? Could you include your name in runes somewhere on your outfit? Maybe paint your picture too?

Why not share your picture on Google Classroom? We would love to see them!



Subject 2: Computing

Scratch – These are the last of the videos for you to finish your maze games.



<https://www.youtube.com/watch?v=3wDaLw0Ci6k> Timer 7:06 Lesson 13

<https://www.youtube.com/watch?v=sDoJndBo9IE> Game Over 6:54 Lesson 14

<https://www.youtube.com/watch?v=IBw9hCemM7g> Win Broadcast 8:02 Lesson 15

<https://www.youtube.com/watch?v=ruG4-wO4Mlw> Making level 2 9:10 Lesson 16

<https://www.youtube.com/watch?v=fpRvUSzPJMY> Level 2 Obstacles 8:48 Lesson 17

<https://www.youtube.com/watch?v=1rNcTLIL3XM> Debugging 6:37 Lesson 18

<https://www.youtube.com/watch?v=qitC2SJlJXc> Enjoy your Game - final message 1:34 **Be advised you do not have to upload your game. As a school we do not have links with this teacher.**

PE

Virtual Sussex School Games.

Look at your **Golf** 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/>

Answers to the maths sheet (dividing decimal numbers by 10, 100 and 1000) from above:

1a) 0.5 1b) 1.5 1c) 0.38 1d) 1.38 2a) 0.7 2b) 0.78 2c) 0.786 2d) 1.6 2e) 1.64 2f) 1.648
3a) 0.17 3b) 0.094 3c) 2.76 3d) 0.325 4a) 0.07, 0.072, 0.0725 4b) 1.09, 0.109, 0.1095 5) 0.136
6a) $2340 \div 1000 = 2.34$ 6b) $235 \div 100 = 2.35$ 6c) $380 \div 1000 = 0.38$ 7a) 14.7, 1.47, 0.147 7b) 2.1, 0.21, 0.021 7c) 320, 32, 3.2 7d) 500.6, 50.06, 5.006 8a) 100 8b) 9.5 8c) 39 8d) 1000 8e) 100 8f) 1, 180 8g) 10 8h) 10

Why not have a look at Google Classroom?



Over the next two weeks, there will be a multiple choice quiz about your lovely year five teachers. Just for a bit of fun, how well do you know them?

Don't forget to keep looking at Google Classroom for details of meetings and news. Remember to upload any other work that you would like to share with the class.

Your next learning will be on **Monday 13th July**. Have a great weekend everyone. x