Home Learning	W/C: Monday 22nd June	Year: 5
Hi Year 5! We hope you're all well and enjoying being home.		
	English	Maths
Monday	We hope you're enjoying watching Kizzy! So, today is episode 3 'She Can't Stay Here!' https://www.youtube.com/watch?v=w8a2rMSf-KM	**Reading, Writing Numbers and Decimal Numbers, and Dividing by 10 and 100** Using the **number cards** below, make 5 digit numbers. Create at least 6 of these. You can use the **place value mat** if you need to. Example: *32,452 = thirty two thousand, four hundred and fifty two* Order the numbers from smallest to largest. Watch this video: https://www.youtube.com/watch?v=pbPLPUqwhZ4 Divide each of your numbers by 10 and write the new answer. Divide each original number by 100 and write the answer. Divide each original answer by 1000 and write the answer. Example: 32,452 ÷ 10 = 3245.2 32,452 ÷ 100 = 324.52 32,452 ÷ 1000= 32.452 EXTENSION: Can you explain in words what happens to the numbers when dividing by 10, 100 and 1000?

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<td>Tuesday</td>
<td>Poor Kizzy!
Now that you've watched the episode, can you answer these questions;

1. Why did Kizzy go to Admiral Twiss' house?
2. What did Lumus want? What happened?
3. What happened to Kizzy?
4. Who wouldn't Admiral Twiss allow in his house?
5. What did Mrs Cuthbert think?
6. Who was moving house?
7. What was Kizzy dreaming about?
8. Who went to visit Kizzy and why?
9. What was Kizzy's reaction?
10. What did Kizzy need?
11. Who di Admiral Twiss ask for help? Why?</td>
<td><u>Multiplying and Dividing Numbers and Decimal Numbers by 10, 100, 1000</u>

1) Multiply these numbers by 10, 100 and 1000.

<table>
<tr><td>43.25</td><td>312.3</td><td>1568.28</td><td>5983.148</td></tr>
</table>

Explain what has happened to the digits.

2) Divide these numbers by 10, 100 and 1000.

<table>
<tr><td>6100</td><td>460</td><td>745</td><td>1456241</td></tr>
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Extension: Make some of your own numbers, using the digit cards.</td>
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<td>Wednesday</td>
<td>This episode of Kizzy has raised quite a few things that perhaps we don't think about these days, mainly the difference between the expectations of a man's role and a woman's.
Can you watch the episode again and list all the things that men were expected to do and not expected to do during those times and list all the things that women were expected to do and not expected to do.
What is surprising to you? What is different now?</td>
<td><u>Reading and Writing Decimals as Fractions</u>
0.001 is equivalent to $\frac{1}{1000}$
0.01 is equivalent to $\frac{1}{100}$
0.1 is equivalent to $\frac{1}{10}$
Decimal numbers are fractions. They are less than one and have a decimal point in front of them.
Watch these videos:
https://www.youtube.com/watch?v=Mst8iZjIpFE
https://www.youtube.com/watch?v=_jcW-ZgpRbM</td>
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</table>

Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
0.1	⅟10	0.01	$\frac{1}{100}$	0.001	$\frac{1}{1000}$
0.2	$\frac{2}{10}$	0.02	$\frac{2}{100}$	0.002	$\frac{2}{1000}$
0.3		0.03		0.003	
0.4		0.04		0.004	
0.5		0.05		0.005	
0.6		0.06		0.006	
0.7		0.07		0.007	
0.8		0.08		0.008	
0.9		0.09		0.009	

EXTENSION: Use place value to explain how you know this.

Thursday	Watch this short video clip about Gender Equality. (Parents please check first as adverts do pop up) https://www.youtube.com/watch?v=Ulh0DnFUGsk What do you think? Write a persuasive text supporting your point of view. Think about the arguments against you that could be raised.	**Writing Decimals as Fractions** Write these decimals as proper fractions. Remember to think about the place value of the decimals. Use the chart you filled in yesterday and the place value chart below to help you. a) 3.2 b) 4.9 c) 8.5 d) 15.7 e) 5.31 f) 8.67 g) 16.43 h) 19.04 i) 478.68 j) 1643.56 k) 3498.124 l) 15375.492 Examples: $5.75 = 5\frac{75}{100}$ This one can also be written as $5\frac{3}{4}$ $18.23 = 18\frac{23}{100}$ $5682.278 = 5682\frac{278}{100}$ Play this game if you want to: https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages#.UCdcd2MsCEY
Friday	TRAINING DAY You could check, edit and finish off anything that you have started.	

Enrichment Tasks
So, did you find an answer to my question last week? In fact, the amount of water on Earth is the always the same. Watch these videos about the Water Cycle; https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/z3wpp39 https://www.youtube.com/watch?v=y5gFI3pMvoI https://www.dailymotion.com/video/x6qt2mi Here's a rap about the Water Cycle; https://www.youtube.com/watch?v=yNW1evt93e4 Can you make your own Water Cycle; https://www.youtube.com/watch?v=Fl9DkRtg_Nw Create a poster/diagram about the water cycle.

1	2	3	4	5	6
7	8	9	0	.	.
1	2	3	4	5	6
7	8	9	0	.	.
1	2	3	4	5	6
7	8	9	0	.	.

Decimal Place Value Chart

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
M	Hth	TTh	Th	H	T	O	t	h	th