Wickham Church of England Primary School

Home Learning

17.4.20

Year 6

We hope you have been enjoying the beautiful sunshine the past couple of days and that you had a lovely Easter, even if you have had to stay at home unlike other years. Thank you for all of the fantastic work you have also been doing – we have been sent lots of examples so thank you! Here are a few more tasks for you if you are looking for some more learning to sink your teeth into. Remember, you can find all the home learning packs on our website. Click on Teaching and Learning/ Home Learning.

Peace Pole Project 2020

A Peace Pole is an internationally recognised symbol of mankind's hope and dreams, standing still as a silent prayer for peace on earth. Traditionally every Peace Pole bears the message,

May Peace Prevail On Earth.

In Year 6, we have been tasked to create our own Peace Pole which will go outside of the school office. We would like you to:

1. Research different Peace Poles - Where are they? What are they made of? What do they look like? Why have they been put there?

2. Create your own design for a Peace Pole by splitting a portrait page into 4 sections. Each section represents one side of the pole.

Remember, somewhere it needs to say… *May Peace Prevail On Earth.*

Other than that, the choice is yours. If you don't have the colours you would like at home, then label the design with the colours you would choose.

3. On the page next to your Peace Pole design, explain why you have made the choices you have – Why did you choose those colours? Why did you choose those patterns? Why did you put those images there?

We look forward to seeing as many of these designs when we get back!

Writing using a picture

Writing

Story starter!

She pulled down on the chain with her left hand, steering herself towards her target. It was supposed to be the most exciting birthday present ever; a hot air balloon ride. However, Alice had been hanging on for dear life for over

100KM (since the basket of the hot air balloon had fallen off). She was now getting used to steering the huge balloon by manoeuvring her body, leaning to the left or to the right.

Terrified yet excited at the same time, Alice could just about make out her house and garden far below. It was the one surrounded by trees straight ahead, wasn't it?

She took a deep breath and focused…

Can you continue the story about Alice and the hot air balloon? Will she reach the ground safely? Will she land in the right garden?

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Using the above picture as a stimulus, use your research skills to answer the following questions

1. Is it possible for us to touch clouds?
2. What are clouds made of?
3. Can we touch what they are made of?
4. What is the sky?
5. Where does the sky begin?
6. Why is the sky blue?

Maths

| 1. | 39 + 31 ☐ | ☐ |

| 2. | An orange costs 49p. How much do 3 oranges cost? (The answer must include a pound sign) ☐
 eg. £2.43 | ☐ |

| 3. | 499-199 ☐ | ☐ |

| 4. | What is the biggest number you can make out of the following 3 digits 4,7,9? ☐ | ☐ |

| 5. | A bag of sweets weighs 20g.
 How many would weigh exactly 1 kg? ☐ bags. | ☐ |

| 6. | In a school of 120 children only 1/3 are girls. How many boys are in the school? ☐ boys | ☐ |

| 7. | If I am facing North and I turn clockwise through 180 degrees. Which direction am I facing? ☐ | ☐ |

8. How many minutes are there in 4 and half-hours?

[____] minutes

9. A sack of letters weighs 3 kg (without the weight of the sack). Each letter weighs 20g. How many letters are in the

sack? [____] letters

10. A bag of potatoes weighs 56kg.

How many 2 kg bags can you get from it? [____] bags

1)	⅓ + ⅙	
2)	Convert 1 ¾ into a decimal	
3)	I am between 20 and 30. I am a multiple of both 3 and 4. Who am I?	
4)	Round 5.824 to the nearest whole number.	
5)	4 x 7 = 30 – ___	
6)	Find ⅗ of 35	
7)	The time is 7:35am. What is the time in the 24-hour clock?	
8)	Which is the **largest**? 0.62 0.47 0.8 0.67 0.53 0.09	
9)	0.6 x 4	
10)	What is the median of: 35, 27, 51, 31, 28, 19, 33	
11)	How many lines of symmetry?	
12)	Captain has £80. Flame has a £20 note plus seven £5 notes. How much more money does the Captain have?	
13)	(1 foot = 12 inches) How many inches is 5 ½ feet?	
14)	Sally pays £25 for two tubes of paint: a blue tube and a red tube. The blue tube cost £7 more than the red tube. How much did each tube cost?	
15)	I am facing north-east. I turn a right angle clockwise. What direction am I facing now?	
16)	What is the missing angle?	
17)	0.73 + _____ = 1	
18)	If x + 9 = 13, what is the value of x?	
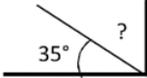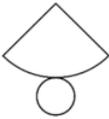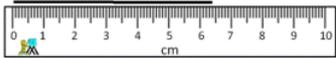
1)	Find ¾ of £32.	
2)	1 − 0.92	
3)	Find the value of $(x − 6)/3$ if $x = 21$.	
4)	10 x 4 = 26 + ___	
5)	Round 6.283 to 1dp	
6)	What is the missing number? 7.3 ____ 8.1 8.5 8.9	
7)	What 3d shape is this the net for?	
8)	How many faces does a triangular prism have?	
9)	In a group of children, ⅗ like to play tennis. If there are 25 children, how many do not like tennis?	
10)	Timmy and Tommy are two boys whose ages add up to 23. Timmy is 5 years older than Tommy. How old are they?	
11)	How long is the line?	
12)	What is the **mean** of 13, 7, 8 and 4?	
13)	Which is the **smallest**? 0.37 0.194 0.6 0.473 0.29	
14)	3 ⅖ + 2 ⅕	
15)	How much is half of a quarter?	
16)	A rectangular swimming pool measures 5½ metres by 3½ metres. What is the **perimeter**?	
17)	What do angles around a point add up to?	
18)	The **ratio** of lions to tigers in a zoo is 1:3. If there are 4 lions, how many tigers will there be?	