


Oak Class – Week beginning June 1<sup>st</sup> 2020

Year 5

Maths <b>**Please also encourage your child to access Mathletics daily on top of or to help the work set**</b>	Monday	This week we have maths investigations based on our previous place value learning: Watch the video for a reminder about decimals: <a href="https://www.bbc.co.uk/bitesize/topics/zsjqtfr/articles/zsbd7p3">https://www.bbc.co.uk/bitesize/topics/zsjqtfr/articles/zsbd7p3</a>  LO: Can I calculate the next decimals in the sequence?  <b>All Maths work is at the bottom of the sheets:</b>
	Tuesday	LO: Can I calculate the next decimals in the sequence?
	Wednesday	LO: Can I complete the decimal sequences?
	Thursday	LO: Can I complete the decimal sequences?
	Friday	LO: Can I complete the decimal sequences?
English <b>**Please also encourage your child to read daily either independently or to an adult.</b>	Monday	<a href="https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y5-Maria-Rhi.pdf">https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y5-Maria-Rhi.pdf</a> Meet the Rhi-Swano-Zeb-Tak Is the second unit of English work <b>to last three weeks</b> , each day I have selected the pages to complete so that you can work through the booklet. It will be similar to our English lessons, in that we used an author's work to base our learning around Pages 17-18
	Tuesday	Pages 19-20
	Wednesday	Page 21
	Thursday	Page 22
	Friday	Page 23
Topic/Science	Topic	We are continuing with our Americas Topic. We are going to research individual states of America.  This week, I'd like you to research the state of <b>Texas</b> make a poster including things like: key facts (capital city, largest cities, state bird, state flower, state tree, significant towns and monuments and dates to remember).  Make your poster colourful and fact filled. Keep this poster to be the third page of your States of America book.

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	Science	<p>We are continuing our electricity topic in science, watch:  <a href="https://www.bbc.co.uk/bitesize/topics/z2882hv/articles/zxv482p">https://www.bbc.co.uk/bitesize/topics/z2882hv/articles/zxv482p</a>  <b>LO: Can I explain what electrical conductors and insulators are?</b>            On your poster show what electrical conductors and insulators are, you could research it further, if you wish.</p>
PE	Activity 1	Joe Wicks workout
	Activity 2	Cosmic Kids Yoga
	Activity 3	<p><b>Real PE at home – online learning resources</b></p> <p><b>Real PE</b> at home includes an online programme which supports families to be active, play and learn together. It includes a programme. Here are the details to access <b>real PE</b> at home:</p> <p>The website address is: <a href="https://home.jasmineactive.com">home.jasmineactive.com</a>            Parent email: <a href="mailto:parent@lyngcofepr-1.com">parent@lyngcofepr-1.com</a>            Password: lyngcofepr</p>
Art/Crafts	Activity 1	As we are researching Texas this week, research an animal or fish that lives in Texas and draw your own version of it.
	Activity 2	 <p>This is the Texas state flag, using what you have learnt about Texas, create your own state flag. It could contain more detailed art work about things you have learnt about Texas.</p>

Maths below:

Monday's work:

The cost of the same game has increased in two shops every year.  
In the first year, the price in shop A was the lowest.

Each year, the increase was the same.

Complete the table below to help you calculate the answer.

shop A

increased by  
£0.25

shop B

increased by  
£0.15

	2019	2020	2021	2022	2023	2024
shop A	£6.85					
shop B	£7.20					

What was the first year that the difference between the toy in the two shops was less than 10p?

Tuesday's work:

**Decimal Sequences** **Deeper**

A sequence is decreased by 0.15 each time.  
2.52 is the fourth term of the sequence.

2.52

What is the second term of the sequence?

What is the sixth term of the sequence?

Here is the start of a sequence:

6.15   6.5   6.85   7.2           

Do you agree with Junaid?  
Explain your answer.

If I continued writing the sequence, 8.3 would be included.

Wednesday's work:

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1) a) Complete the sequence.



b) The rule for the sequence is:

Increase by 0.\_\_\_\_ each time.

2) Write the rules for each of these sequences:

a) 1.35    1.5    1.65    1.8

The rule is \_\_\_\_\_ by \_\_\_\_\_ each time.

b) 2.45    2.2    1.95    1.7

The rule is \_\_\_\_\_ by \_\_\_\_\_ each time.

3) Continue the sequences and write the rule:

a) The rule is \_\_\_\_\_.

3.75    3.43    3.11    2.79    2.47       

b) The rule is \_\_\_\_\_.

1.65    1.77    1.89    2.01       

4) Generate the first 5 terms for this sequence:

The first term is 3.66

The sequence decreases by 0.22 each time.

1 <sup>st</sup> term	2 <sup>nd</sup> term	3 <sup>rd</sup> term	4 <sup>th</sup> term	5 <sup>th</sup> term

Thursday's work:

1) Emilia is completing a sequence.



- 2.45 is the first term of the sequence.
- The sequence increases by 0.32 each time.

Here is how Emilia started the sequence:



2.45

2.77

2.109

- Explain what mistake Emilia has made.
- What should the third term be?

2) A sequence decreases by 0.21 each time.

2.54 is the third term of the sequence.

- What is the first term of the sequence?
- What is the fifth term of the sequence?

3) Here is the start of a sequence:

8.25

8.6

8.95

9.3

If I continued the sequence, 10.3 would be included.



Do you agree with Adiva? Explain your answer.

Friday's work:

- 1) This is how the cost of the same toy has increased in two shops over a few years.



In the first year, the price in shop A was the lowest. Each year the increase was the same.

shop A	shop B
increased by £0.26	increased by £0.21

Complete the table to help you answer the questions.

	2019	2020	2021	2022	2023
shop A	£5.38				
shop B	£5.50				

- a) What was the first year that the cost of the toy was lower in shop B than shop A?
- b) What was the first year that the difference between the price of the toy in the two shops was less than 5p?
- 2) Joe has been working on two different sequences. He looked at the difference between the terms of the two sequences.

	1 <sup>st</sup> term	2 <sup>nd</sup> term	3 <sup>rd</sup> term	4 <sup>th</sup> term	5 <sup>th</sup> term
1 <sup>st</sup> sequence	1.1	1.2	1.3	1.4	
difference	0.9				
2 <sup>nd</sup> sequence	2	3	4	5	

I've noticed the difference between the numbers in each sequence follow the rule increase by 0.9 each time.



- a) Complete the table above.

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