

Oak Class – Week beginning June 8<sup>th</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: Remember to line up your decimals with addition and subtraction.  Biggest number at the top for column subtraction.  LO: Can I calculate the change?  <b>All Maths work is at the bottom of the sheets:</b>
	Tuesday	LO: Can I calculate with money?
	Wednesday	LO: Can I calculate with money?
	Thursday	LO: Can I correct the mistakes?
	Friday	LO: Can I complete the investigation?
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 third 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. Page 24
	Tuesday	Page 25
	Wednesday	Page 26 writing own story
	Thursday	Continue with own story
	Friday	Page 28-30
Topic/Science	Topic	We are continuing with our Americas Topic. For the final week, you are going to research your choice of an individual state of America.  This week, I'd like you to choose your own state (47 left to research if you've completed 3), research that state and 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 fourth page of your States of America book.

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	Science	We are continuing our electricity topic in science, watch: <a href="https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zt8vg82">https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zt8vg82</a> <b>LO: Can I show how can you change a circuit?</b> <b>On your poster explain your understanding of the video. You can research it further if you wish.</b>
PE	Activity 1	Joe Wicks workout
	Activity 2	Cosmic Kids Yoga
	Activity 3	<b>Real PE at home – online learning resources</b> Real PE 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: The website address is: <a href="http://home.jasmineactive.com">home.jasmineactive.com</a> Parent email: <a href="mailto:parent@lyngcofepr-1.com">parent@lyngcofepr-1.com</a> Password: lyngcofepr
Art/Crafts	Activity 1	Ansel Easton Adams was a landscape photographer and environmentalist known for his black-and-white images of the American West. Google Ansel Adams and have a look at his landscape photography. Make your own black and white pencil drawing based on his work.
	Activity 2	Using Ansel Adams as inspiration, choose an outside area or photograph you have, to draw a photo style landscape picture.

Maths below:

Monday's work:

## I Need a 10p Maths Investigation

Aim: I can use coins to give change.

Jacob needs a 10p coin, but he only has a £5 note. He goes into a shop to spend as little money as possible in order to receive a 10p coin in the change.

1. The shopkeeper gives change in the smallest number of coins. How much does Jacob need to spend in order to get a 10p coin in the change? Show all the coins he will receive.

2. If Jacob had wanted any other coin, what is the smallest spend for each?

Required coin	1p	2p	5p	10p	20p	50p	£1	£2
Minimum Spend								

Tuesday's work:

## Coffee Shop Maths Investigation

I can calculate with money.

### Tea at Twinkl



coffee £1.20



tea 95p



hot chocolate £1.45



cake £1.75



muffin £1.10



cookie 75p

Four people visit Tea at Twinkl to buy a drink and item of food each.

1. What is the most and least they could spend?

Most: \_\_\_\_\_

Least: \_\_\_\_\_

2. The four people have £10 altogether.

a. What is the most they can spend if they buy the same drink and the same item of food each?

\_\_\_\_\_

\_\_\_\_\_

b. Each person has to buy one drink and one item of food, but can buy anything from the menu. What could they buy to get the least amount of change from £10?

\_\_\_\_\_

\_\_\_\_\_

Wednesday's work:

## Coffee Shop Maths Investigation

I can calculate with money.

### Tea at Twinkl



Tea at Twinkl sells coffee, tea and hot chocolate, cake, muffins and cookies.

The table below shows the making cost of each item. A total profit of £150 needs to be made each day to pay for staff and other costs. Estimate the number of each drink or food item sold each day and calculate the prices that need to be charged.

Item	Cost to make	Price	Profit per sale	Number sold	Total profit per item
Coffee	25p				
Tea	20p				
Hot Chocolate	50p				
Cake	60p				
Muffin	35p				
Cookie	30p				
				Total _____	

#### Challenge

Create a spreadsheet which will calculate the profit for different prices and numbers sold.





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