

<p>Maths</p> <p>**Please also encourage your child to access Mathletics daily on top of or to help the work set**</p>	Monday	<p>This week we have maths investigations based on ratio and proportion: Watch for an introduction: https://www.bbc.co.uk/bitesize/topics/zsq7hyc/articles/z8kfnbk</p> <p>All Maths work is at the bottom of the sheets:</p> <p>LO: Can I write ratio statements?</p>
	Tuesday	LO: Can I find equivalent ratios?
	Wednesday	LO: Can I identify equivalent ratios?
	Thursday	LO: Can I identify ratios and proportions?
	Friday	LO: Can I complete the ratio word problems?
<p>English</p> <p>**Please also encourage your child to read daily either independently or to an adult.</p>	Monday	<p>https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y6-James.pdf</p> <p><u>The City of Silence</u></p> <p>Is the third unit of English work to last three weeks, 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. Today page 15</p>
	Tuesday	Page 16
	Wednesday	Page 17
	Thursday	Page 18
	Friday	Pages 19-20
Topic/Science	Topic	<p>We are continuing with our Americas Topic. For the final week, you are going to research your choice of an individual state of America.</p> <p>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).</p> <p>Make your poster colourful and fact filled. Keep this poster to be the fourth page of your States of America book.</p>

Oak Class – Week beginning June 8th 2020
Year 6

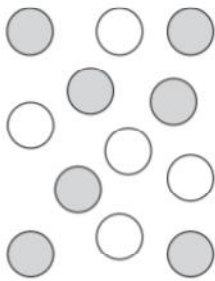
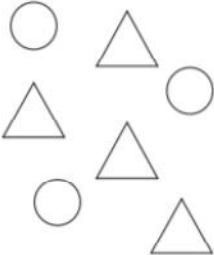
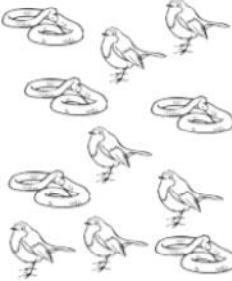
	Science	We are continuing our electricity topic in science, watch: https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zt8vg82 LO: Can I show how can you change a circuit? On your poster explain your understanding of the video. You can research it further if you wish.
PE	Activity 1	Joe Wicks workout
	Activity 2	Cosmic Kids Yoga
	Activity 3	Real PE at home – online learning resources 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 real PE at home: The website address is: home.jasmineactive.com Parent email: parent@lyngcofepr-1.com 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 can write ratio statements and use multiplication and division facts to calculate alternative statements.

1. For each group, write the ratio of one group compared to the other.

<p>What is the ratio of grey to white?</p>  <p style="text-align: center;">:</p>	<p>What is the ratio of triangles to circles?</p>  <p style="text-align: center;">:</p>	<p>What is the ratio of snakes to birds?</p>  <p style="text-align: center;">:</p>
---	--	--

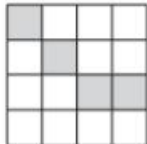

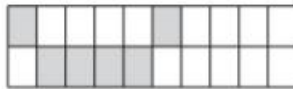
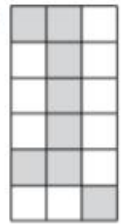
2. Complete each drawing so that it makes the ratio correct:

<p>Complete the drawing to show the ratio of Oranges: Apples 4:2</p> 	<p>Draw 20 letters (A and B) in total to the ratio of A:B 2:3</p>	<p>There are 15 pieces of fruit in total – bananas and strawberries. Draw the pieces of fruit to make this ratio correct. bananas:strawberries 2:1</p>
--	---	--



Introducing Ratio

3. For each grid, write the ratio as you see it then write the ratio in its simplest form. Show your working out. The first one is done for you.

<p>a.</p>  <p>shaded to blank</p> <p style="text-align: center;">4:12</p> <p style="text-align: center;">+4 = 1 +4 = 3</p> <p style="text-align: center;">1:3</p>	<p>b.</p>  <p>shaded to blank</p> <p style="text-align: center;">□</p>
<p>c.</p>  <p>shaded to blank</p> <p style="text-align: center;">□</p>	<p>d.</p>  <p>shaded to blank</p> <p style="text-align: center;">□</p>

Tuesday's work:

4. Continue the sequences, counting on in multiples of the first numbers to find equivalent ratios. The first one is done for you.

a.	1:2	2:4	3:6	4:8	5:10	6:12
b.	1:4	2:8				
c.	2:3					
d.		10:14	15:21			
e.		4:22	6:33			
f.	3:7		9:21			

Wednesday's work:

5. In each row, draw a circle around the ratios which are equivalent to the first ratio:

a. 2:3	1:2	4:6	8:12	3:8	10:15
b. 4:5	12:15	2:4	8:10	40:50	3:4
c. 3:4	2:3	9:12	7:11	15:20	6:9
d. 6:7	24:28	12:16	12:14	60:70	35:30
e. 5:2	10:4	30:12	3:1	40:16	15:6
f. 3:5	2:3	10:6	6:10	30:60	12:16

Extension: Can you find more equivalent ratios for a, b, c, d, e and f?

Thursday's work:

Ratio and Proportion Worksheet

Write the correct answer:

1. In 1 week, I eat 4 ice creams. How many ice creams will I eat in:

2 weeks? _____

4 weeks? _____

5 weeks? _____

6 weeks? _____



2. For every 2 apples I buy, I get 1 banana.

For every 4 apples I buy, I will get ___ bananas.

For every 8 apples I buy, I will get ___ bananas.



3. Colour in 1 in every 3 circles below.



How many coloured circles in every 6? _____

How many coloured circles in every 15? _____

4. Colour in 2 squares in every 5 below.



How many coloured squares in every 10? _____

How many coloured squares in every 15? _____

Friday's work:

Ratio and Proportion Worksheet (2)

Solve these problems:

1. In my pirate fleet I have 3 rafts and 18 ships.
What is the ratio of rafts to ships in its simplest form? _____
2. On a map I am using, the scale is 1cm for every 10 000m. I am mapping a 55km journey. How long would the journey be on the map? _____
3. On a test of 'Hairstyles of the Ming Dynasty', I answered 16 questions out of every 24 correctly. There were 96 questions. How many did I get right?

4. There are 28 zedonks and 56 zorses at the Zebra Zoo. What is the ratio of zedonks to zorses in its simplest form? _____
5. In Y4, there are 24 children with black hair and 42 children with brown hair. There are half as many children with blonde hair as there are with black hair. What is the overall ratio of blond, black and brown hair colours in Y4 in its simplest form? _____
6. Balin got £1.20 pocket money and saved 40p. Thorin got £3 and saved £2. Who saved the largest proportion of pocket money? _____

Ratio and Proportion Worksheet (1)

Write the correct answer:

1. Beef must be cooked for 30 minutes for every 1kg. How long would it take to cook:
2 kgs? _____
4 kgs? _____
6 kgs? _____
8 kgs? _____
2. To make 1 litre of jam, I use 100 strawberries. How many strawberries do I need to make:
2 litres? _____ 3.5 litres? _____
3. I need to collect 30 stickers. Each bag of crisps contains 3 stickers. How many bags will I need to buy?

4. The mother bear is fed 4 fish for every 2 fish that her cub is fed. How many fish would the cub get if the mother is fed:
10 fish? _____ 20 fish? _____
5. There are 10 boys for every 30 girls at the disco. How many boys are there if there are:
60 girls? _____ 90 girls? _____

Extension ^

Oak Class – Week beginning June 8th 2020
Year 6