


**Day** **Writing Task**  
Please remember to practise your spellings. You can use your Spelling Shed Log in. *Continue to work your way through your Grammar and Punctuation Homework Workbook as well as the tasks below.*

**Maths Task**  
Please play Time Table Rockstars to practise your fluency!  
*Continue to work your way through your Maths Homework Workbook as well as the tasks below.*

**Line of Enquiry Task**

**1** **LO: To use simile in descriptions**




Dragon world

This was their favourite time of day to fly. As the glowing, crimson sun dipped down below the vast horizon, retreating to allow night to take its place, the dragons took flight. The sky looked beautiful: wisps of pillow-like clouds seemed to part in front of them as they flexed their powerful wings. Like sails from ancient ships, the wings beat in the dying embers of the sun's fire, embracing what little warmth remained. Thousands of tiny scales that covered the beasts' bodies glistened like rubies in the dazzling light.

A simile is a way of describing something by comparing it to something else, often using the

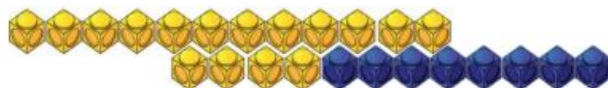
**LO: To use the language of ratio**  
<https://whiterosemaths.com/homelearning/>  
Follow the link, click on the Year 6 tab. Scroll down to Week 1 on the pink tabs, click on the + sign and watch the video for Lesson 1 'Using ratio language'



Complete the sentences.







For every two blue flowers there are \_\_\_\_ pink flowers.  
For every blue flower there are \_\_\_\_ pink flowers.

Use cubes to help you complete the sentences.




For every \_\_\_\_ , there are \_\_\_\_ 

For every 8 , there are \_\_\_\_ 

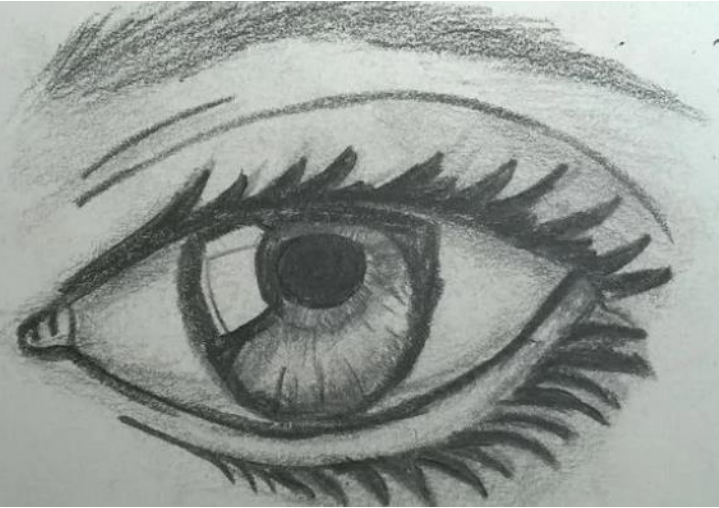
For every 1 , there are \_\_\_\_ 

How many "For every..." sentences can you write to describe these counters?



**ART LO: To use sketching and shading techniques**

Use your sketching and shading skills to draw an eye in detail. Here is a link for a step by step guide if you need it.  
<https://www.instructables.com/id/How-to-Draw-a-Realistic-Eye-in-6-Steps/>



word "like" or "as." Can you find the similes in the writing above?

Choose to continue the story set in Dragon world or record 8 sentences of your own that use similes to describe dragons.

2

**LO: Words containing the letter string 'ough'**

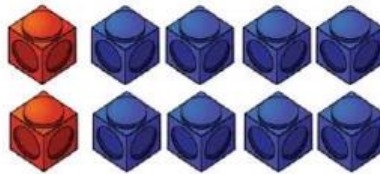
Sort the words into different groups depending on the sound that the 'ough' letter string makes. You need to work out how many groups you need.

plough bought rough cough dough fought bough through ought enough although borough brought tough thorough bough nought

**LO: To use the language of ratio (problem solving)**

*Re - watch Day 1's video if needed.*


True or False?



- For every red cube there are 8 blue cubes.
- For every 4 blue cubes there is 1 red cube.
- For every 3 red cubes there would be 12 blue cubes.
- For every 16 cubes, 4 would be red and 12 would be blue.
- For every 20 cubes, 4 would be red and 16 would be blue.

**PE Challenge**

How many of each one can you do in 60 seconds?

1. 	Jumping Jacks	
2. 	Sit-Ups	
3. 	Hops	
4. 	Toe Touches	
5. 	Push-Ups	
6. 	Step-Ups	
7. 	Jump Rope	

Whitney lays tiles in the following pattern



If she has 16 red tiles and 20 yellow tiles remaining, can she continue her pattern without there being any tiles left over?

3 **LO: To use noun phrases**



**Then and now**

Wherever we go in our lives, someone has been there before us. It's sometimes hard to imagine. Echoes of the past are all around us.

**A noun phrase builds a description using adjectives with the noun. E.g. The smart, elderly man wore a tall, black hat.**

Choose one of the characters in the picture, either from the past or the present. Can you tell their story? Make sure you build in noun phrases.

**LO: To understand the link between ratio and fractions**

<https://whiterosemaths.com/homelearning/>  
Follow the link, click on the Year 6 tab. Scroll down to Week 1 on the pink tabs, click on the + sign and watch the video for Lesson 2 'Ratio and fractions'

The ratio of red counters to blue counters is 1 : 2



What fraction of the counters is blue?

$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$
---------------	---------------	---------------

What fraction of the counters is red?

$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$
---------------	---------------	---------------

This bar model shows the ratio 2 : 3 : 4



What fraction of the bar is pink?

What fraction of the bar is yellow?

What fraction of the bar is blue?

One third of the sweets in a box are mints.

The rest are chocolates.

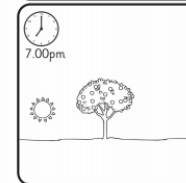
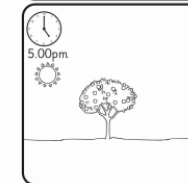
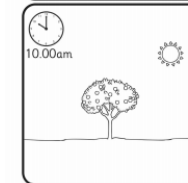
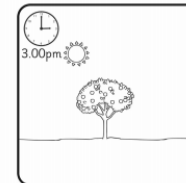
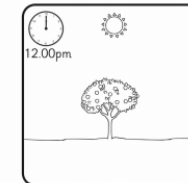
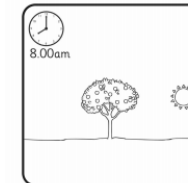
What is the ratio of mints to chocolates in the box?

**Science LO: To understand how shadows are formed**

Watch the clip to remind you how shadows are made. Then draw the diagrams in your book and show where you think the shadow will be.

<https://www.bbc.co.uk/bitesize/clips/z8vfb9q>

Look at the position of the sun in each picture and draw the shadow of the tree.



4

LO: To understand idioms

Idioms are traditional sayings that are still part of the English language.

What is the meaning of these idioms?

- 1) I've got a bone to pick with you
- 2) Don't let the cat out of the bag
- 3) Sitting on the fence
- 4) Blowing your own trumpet
- 5) Turn over a new leaf
- 6) Don't make a mountain out of a molehill
- 7) It's time to face the music
- 8) It's raining cats and dogs

LO: To understand the link between ratio and fractions (problem solving)

Re - watch Day 3's video if needed.

There are some red and green cubes in a bag.  $\frac{2}{5}$  of the cubes are red.

### True or False?

- For every 2 red cubes there are 5 green cubes.
- For every 2 red cubes there are 3 green cubes.
- For every 3 green cubes there are 2 red cubes.
- For every 3 green cubes there are 5 red cubes.

Ron plants flowers in a flower bed.  
For every 2 red roses he plants 5 white roses.

He says,



$\frac{2}{5}$  of the roses are red.

Is Ron correct?

Science LO: To use scientific vocabulary to explain how shadows are formed.

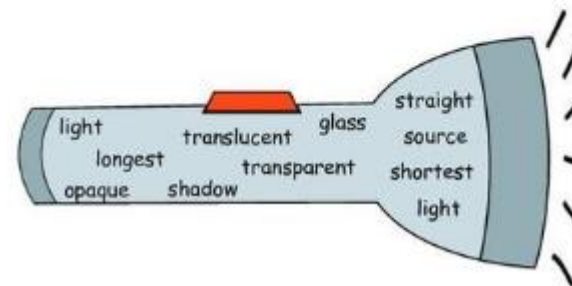
Complete the sentences in your book.

### Light and Shadow

Light travels in \_\_\_\_\_ lines from a \_\_\_\_\_ of light that bounces off an object. We can see the object because the \_\_\_\_\_ enters our eyes.

Wood and cardboard are \_\_\_\_\_ materials that light cannot travel through. \_\_\_\_\_ is a \_\_\_\_\_ material which allows light to pass through. Tissue paper is \_\_\_\_\_ which will let some light through.

When an object blocks out the \_\_\_\_\_, a \_\_\_\_\_ is formed. Shadows are \_\_\_\_\_ at midday and \_\_\_\_\_ at the beginning and end of the day.





5

**LO: Words ending in -cial or -tial**

Turn these words into adjectives by adding the correct ending

- Office - **official**
- Sequence
- Benefit
- Substance
- Providence
- Society
- Influence
- Prejudice
- Face
- Residence
- Sacrifice
- Initiate
- Justice
- Influence
- Confidence

**LO: To use the symbol for ratio**

<https://whiterosemaths.com/homelearning/>

Follow the link, click on the Year 6 tab. Scroll down to Week 1 on the pink tabs, click on the + sign and watch the video for Lesson 3 'Introducing the ratio symbol'



The ratio of red counters to blue counters is  :

The ratio of blue counters to red counters is  :

Write down the ratio of:

- Bananas to strawberries
- Blackberries to strawberries
- Strawberries to bananas to blackberries
- Blackberries to strawberries to bananas



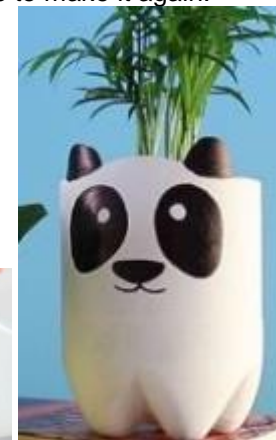
The ratio of red to green marbles is 3 : 7  
 Draw an image to represent the marbles.  
 What fraction of the marbles are red?  
 What fraction of the marbles are green?

**Design & Technology**


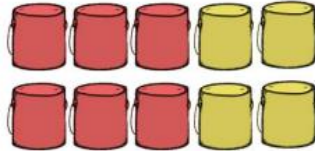
**LO: to design a product and suggest improvements**

Upcycling!

Choose an item within the house that you do not use anymore - this could be an old item of clothing, accessory or household item. Your task is to upcycle it to make a new item that you will use! Evaluate the product and identify any areas that you could improve if they were to make it again.



Year 6 Nova Home Learning- Week 1 and 2 (Monday 1<sup>st</sup> June- Friday 12<sup>th</sup> June)

Day	Writing Task	Maths Task	Line of Enquiry Task
1	<p><b>Writing Task</b> Please remember to practise your spellings. You can use your Spelling Shed Log in. <i>Continue to work your way through your Grammar and Punctuation Homework Workbook as well as the tasks below.</i></p> <p><b>LO: To use relative clauses</b></p>  <p><b>An icy plunge</b></p> <p>The young pup peered down into the icy water below with a growing feeling of trepidation. Only a few days old, she had learnt so much already from watching her mother, but this challenge was her greatest so far. How would it feel to be submerged? What would she find lurking underneath the surface? How would ever she get back onto dry land? Questions flooded her mind like a torrent of icy water, but bravely she inched closer to the edge...</p>	<p><b>Maths Task</b> Please play Time Table Rockstars to practise your fluency! <i>Continue to work your way through your Maths Homework Workbook as well as the tasks below.</i></p> <p><b>LO: To use the symbol for ratio</b> <i>Re - watch Day 5's video from last week if needed</i> Tick the correct statements.</p>  <ul style="list-style-type: none"> <li>• There are two yellow tins for every three red tins.</li> <li>• There are two red tins for every three yellow tins.</li> <li>• The ratio of red tins to yellow tins is 2 : 3</li> <li>• The ratio of yellow tins to red tins is 2 : 3</li> </ul>	<p><b>Line of Enquiry Task</b></p> <p><b>ART</b> <a href="https://www.tate.org.uk/kids">https://www.tate.org.uk/kids</a> <i>There are some great activities on this website as well as different artists to find out about. Follow the link and choose an activity or research an artist that interests you.</i> Two really good activities are: Make Pop Art like Warhol Make marbled paper with foam (A messy one! Sorry parents and carers!)</p>

	<p><b>A relative clause adds extra information to the sentences</b></p> <p>E.g. The pup, <b>who was only a few days old</b>, prepared for the icy plunge.</p> <p>Either continue the story, including relative clauses or research facts about seals and write 8 in your book, making sure that you include relative clauses.</p>	<p>In a box there are some red, blue and green pens.</p> <p>The ratio of red pens to green pens is 3 : 5</p> <p>For every 1 red pen there are two blue pens.</p> <p>Write down the ratio of red pens to blue pens to green pens.</p>	
2	<p><b><u>LO: To spell statutory words accurately</u></b>  <b>Find the statutory words that are incorrect and record the correct spellings in your book.</b></p> <p>Last week, I entered a photography competision in my local newspaper. I was desparate to win because the marvelous prize was some new, state-of-the-art equiptment. As a very keen amituer photographer, I was determined to win. The task was to take a photograph in my local enviroment to cumminicate the beauty and history of my hometown of Whoopsville.</p> <p>I decided to take a photograph of the war memorials that commemorate the brave soljers that gave their lives in battle at my local cemetary. My first attempt at getting a picture was disastrous because I got caught up in an agressive thunder and lighting storm. But once the rain had ceased, I managed to get an excellant shot of a gravestone surrounded in poppies with a glorious</p>	<p><b><u>LO: To calculate ratio</u></b>  <a href="https://whiterosemaths.com/homelearning/">https://whiterosemaths.com/homelearning/</a>  <i>Follow the link, click on the Year 6 tab. Scroll down to Week 1 on the pink tabs, click on the + sign and watch the video for Lesson 4 'Calculating ratio'</i></p>	<p><b><u>PE Challenge</u></b>  Here's a PE board game to keep you active!</p>

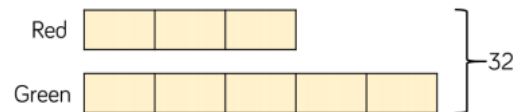
sunny backdrop. They must have loved it - I won first prize!

A farmer plants some crops in a field.  
 For every 4 carrots he plants 2 leeks.  
 He plants 48 carrots in total.  
 How many leeks did he plant?  
 How many vegetables did he plant in total?



Jack mixes 2 parts of red paint with 3 parts blue paint to make purple paint.  
 If he uses 12 parts blue paint, how many parts red paint does he use?

Eva has a packet of sweets.  
 For every 3 red sweets there are 5 green sweets.  
 If there are 32 sweets in the packet in total,  
 how many of each colour are there?  
 You can use a bar model to help you.



Activate 1

**Finish**

**Do eight sit ups.**

Your laces are untied! Go back to Start.

**Crab walk AND sing Alphabet Song.**

You're full of energy! Take another turn.

**Long Jump!** Stand up, take the longest forward jump you can, and then move ahead one extra space!

**Jump from side to side** as you count to 30.

**Do seven push ups.**

**Count to 30** while you run in place.

Oh no! You stopped to watch TV. Go back.

**Balance on one leg** for 15 seconds.

**Keep It Moving!**

Created by Andrea Thorpe  
www.embracinghm.com

Oh no! You're out of breath! Lose a turn.

**Head, shoulders, knees, toes: nine times.**

**Super Skip Move Ahead**

You had a great warm up! Move ahead 3.

**Warm up by doing 10 jumping jacks.**

**Start**

**Rules for play**

- 1) Roll the die.
- 2) Move the number of spaces on the die.
- 3) When you land on a space with written directions, follow them.
- 4) Play until someone reaches the Finish box. Continue play to see who will finish second, third, etc.

3

**LO: To use the language of persuasion**  
 It is the year 3000, and the new 'Air Hotel 3000' is embarking on its maiden trip!  
  
 Can you write an advertisement for this new type of hotel? It might be a poster or a leaflet.

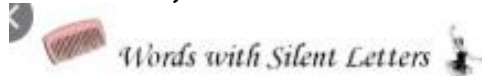
**LO: To calculate ratio (problem solving)**  
 Re-watch Day 2's video if needed

**Science LO: To investigate how moving a light source changes the size of a shadow**  
 You will need:  
 A light source (torch is best)  
 A solid object  
 A flat surface to project the shadow on (wall!)  
 Ruler/tape measure





LO: To identify silent letters



Words with Silent Letters

__ nife	thum__	ca__f
ta__k	__nock	fas__en
lam__	__nat	whis__le
balle__	clim__	__nome
wa__k	cas__le	crum__
lis__en	__nee	cha__k
yo__k	li__ht	si__n
__now	wei__ht	__ni__t
	com__	

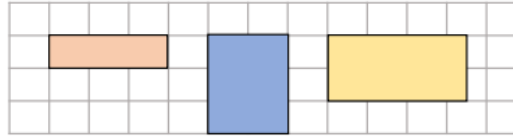
1. First I brushed my hair, then I used a \_\_\_\_\_ to get the tangles out.
2. When I fell down I scraped my \_\_\_\_\_.
3. The sheep had a baby \_\_\_\_\_.
4. I \_\_\_\_\_ the answer.
5. I cracked the egg open and saw two yellow \_\_\_\_\_.
6. Be sure to obey all the traffic \_\_\_\_\_.
7. The teacher used \_\_\_\_\_ to write on the board.
8. Please \_\_\_\_\_ carefully to the directions.
9. My sister is taking Irish dance classes instead of \_\_\_\_\_.
10. I heard someone \_\_\_\_\_ at the door.
11. I saw the cow give birth to the \_\_\_\_\_.
12. Please \_\_\_\_\_ your seat belt.
13. Have you ever heard of the story Tom \_\_\_\_\_?
14. Don't cut your finger with the \_\_\_\_\_.

LO: To use scale factors

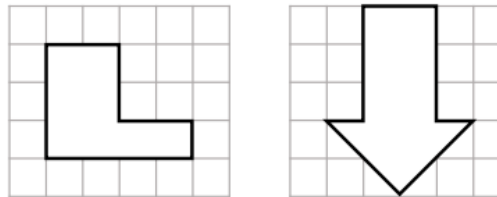
<https://whiterosemaths.com/homelearning/>

Follow the link, click on the Year 6 tab. Scroll down to Week 1 on the pink tabs, click on the + sign and watch the video for Lesson 5 'Using scale factors'

Copy these rectangles onto squared paper then draw them double the size, triple the size and 5 times as big.



Copy these shapes onto squared paper then draw them twice as big and three times as big.



Enlarge these shapes by:

- Scale factor 2
- Scale factor 3
- Scale factor 4



Science LO: To investigate how moving a light source changes the size of a shadow

Look at your results table from yesterday's investigation and write up what you found out using the questions as a guide:

*What happens to the size of the shadow when you move the light source away from the object?*

*What happens to the size of the shadow when you move the light source towards the object?*

*Can you explain why this happens?*

5

LO: To use colons to add detail to a clause



Use colons to add detail to a clause about ladybirds – write 8 sentences in your book.

Examples:

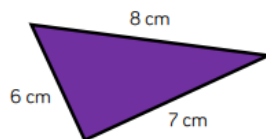
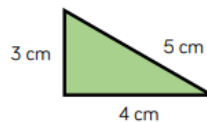
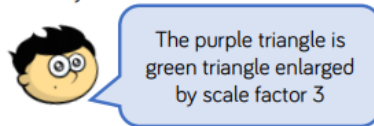
Ladybirds travel quite slowly: they only have small wings.

They are quite beautiful to look at: they have bright, red shells that often display interesting patterns.

LO: To use scale factors (problem solving)

Re-watch Day 4's video if needed

Jack says:



Do you agree?  
Explain why.

Here are two equilateral triangles.  
The blue triangle is three times larger than the green triangle.



(Not drawn to scale)

Find the perimeter of both triangles.

French LO: to

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