

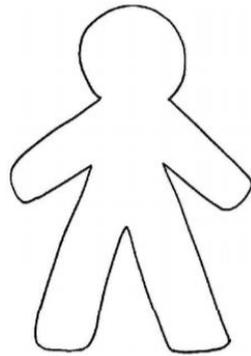


Year 6 Home Learning  
w/c 11<sup>th</sup> May 2020



	SPaG	Reading	Literacy	Maths	Topic/Science
Monday	<p>Have a go at the spelling sheet below for the day.</p> <p><u>Grammar- Apostrophes for contraction</u></p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zxwvxnb/articles/zcyv4qt">https://www.bbc.co.uk/bitesize/topics/zxwvxnb/articles/zcyv4qt</a></p>	<p>This week we are going to set you a reading challenge to complete. Below is the bronze challenge. Try to complete at least one of the challenges each day. Complete the different activities and send us some pictures on seesaw of your reading achievements!</p>	<p>Today we want you to do some research! Choose a member of your household or family who you can speak to on the phone. We would like you to learn lots about them so that you can have a go at writing a short burst biography over the next couple of days.</p> <p>Write down a list of questions you would like answering - remember, you need to gather lots of factual information! Gather as much information as you can today!</p>	<p><a href="https://whiterosemaths.com/homelearning/year-6/">https://whiterosemaths.com/homelearning/year-6/</a></p> <p><u>Lesson 1- Calculating scale factors</u></p> <p>Watch the video carefully before having a go at the questions. You can mark the questions yourself using the answer sheet.</p>	<p><a href="https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zs7g4j6">https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zs7g4j6</a></p> <p><u>Science - Drawing circuit diagrams</u></p> <p>Complete the diagrams and then draw some circuit diagrams of your own.</p>
Tuesday	<p>Have a go at the spelling sheet below for the day.</p> <p><u>Grammar- apostrophes for possession</u></p>	<p>Have a go at another reading challenge - remember to send us some photos!</p>	<p>Using the information you gathered yesterday, complete a role on the wall showing as much factual information about your chosen person.</p>	<p><a href="https://whiterosemaths.com/homelearning/year-6/">https://whiterosemaths.com/homelearning/year-6/</a></p> <p><u>Lesson 2- Ratio and proportion problems</u></p> <p>Watch the video carefully before having a go at the questions. You can mark</p>	<p><a href="https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zt8vg82">https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zt8vg82</a></p> <p><u>Science - How can you change a circuit</u></p> <p>Watch the video and complete the activity</p>

<https://www.bbc.co.uk/bitesize/topics/zvwwxn/b/articles/zx9ydxs>



the questions yourself using the answer sheet.

that goes along with it.

Wednesday

Have a go at the spelling sheet below for the day.

Grammar- Using commas in a sentence

<https://www.bbc.co.uk/bitesize/topics/zvwwxn/b/articles/zc773k7>

Have a go at another reading challenge - remember to send us some photos!

Write a short burst biography using all of the information you have gathered over the last couple of days. Remember to include sub-headings and facts of your chosen person. Keep referring to the list of key features poster we looked at last week to support you.

Writing Steps to Success   
I can write a short burst biography

Pupil	Teacher	Features I MUST try to include:
		Punctuation I have accurately punctuated parentheses.
		I have used a range of appropriate punctuation to mark clauses.
		Vocabulary/grammar I have included facts about the person I am writing about.
		I have used third person pronouns.
		I have written in past tense.
		I have used technical vocabulary.
		Sentence I have used a range of clause structures.
		I have included parenthesis to provide additional information.
		Text structure I have used a suitable subheading which is linked to the paragraph I am writing.
		My paragraph fits with the chronology of the whole text.
Comments		
My target for next time		

<https://whiterosemaths.com/homelearning/year-6/>  
Lesson 3- Measure with a protractor

Watch the video carefully before having a go at the questions. You can mark the questions yourself using the answer sheet. Feel free to leave the questions that require you to measure with a protractor if you do not have one.

Topic  
See information sheet below.

<http://www.primaryhomeworkhelp.co.uk/moon/facts.htm>

<https://www.natgeokids.com/uk/discover/science/space/facts-about-the-moon/>

<https://www.sciencekids.co.nz/sciencefacts/space/moon.html>

Thursday

Have a go at the spelling sheet below for

Have a go at another reading challenge -

Today we are going to think about conjunctions. Write three examples of

<https://whiterosemaths.com/homelearning/year-6/>

Topic  
See information sheet

	<p>the day.</p> <p><u>Grammar</u></p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zvwwxn/articles/ztcp97h">https://www.bbc.co.uk/bitesize/topics/zvwwxn/articles/ztcp97h</a></p>	<p>remember to send us some photos!</p>	<p>subordinating conjunctions and three examples of coordinating conjunctions.</p> <p>Follow the links to recap each type of conjunction.</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zvwwp8mn/articles/zqk37p3">https://www.bbc.co.uk/bitesize/topics/zvwwp8mn/articles/zqk37p3</a></p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zvwwp8mn/articles/z9wxqhv">https://www.bbc.co.uk/bitesize/topics/zvwwp8mn/articles/z9wxqhv</a></p> <p>Play the following online game to consolidate your knowledge of conjunctions.</p>	<p><u>Lesson 4- Introduce angles</u></p> <p>Watch the video carefully before having a go at the questions. You can mark the questions yourself using the answer sheet.</p>	<p>below.</p> <p><a href="http://www.primaryhomeworkhelp.co.uk/moon/facts.htm">http://www.primaryhomeworkhelp.co.uk/moon/facts.htm</a></p> <p><a href="https://www.natgeokids.com/uk/discover/science/space/facts-about-the-moon/">https://www.natgeokids.com/uk/discover/science/space/facts-about-the-moon/</a></p> <p><a href="https://www.sciencekids.co.nz/sciencefacts/space/moon.html">https://www.sciencekids.co.nz/sciencefacts/space/moon.html</a></p>
<p>Friday</p>	<p>Have a go at the spelling sheet below for the day.</p> <p><u>Grammar</u></p> <p>Listen to the adverb song on MC Grammar. See if you can learn the words, make a dance or do something</p>	<p>Have a go at the final reading challenges for this week - remember to send us some photos!</p>	<p>We are going to be taking one of the key characters from our class text - Hidden Figures - and researching them to help us to write a biography. We are going to focus on Katherine Johnson.</p>  <p>Follow the links below and start to gather information</p>	<p><a href="https://whiterosemaths.com/homelearning/year-6/">https://whiterosemaths.com/homelearning/year-6/</a></p> <p><u>Lesson 5- Calculate angles</u></p> <p>Watch the video carefully before having a go at the questions. You can mark the questions yourself using the answer sheet.</p> <p>Feel free to leave the questions that require you to measure with a protractor if you do not</p>	<p><u>Topic</u></p> <p>See information sheet below.</p> <p><a href="http://www.primaryhomeworkhelp.co.uk/moon/facts.htm">http://www.primaryhomeworkhelp.co.uk/moon/facts.htm</a></p> <p><a href="https://www.natgeokids.com/uk/discover/science/space/facts-about-the-moon/">https://www.natgeokids.com/uk/discover/science/space/facts-about-the-moon/</a></p> <p><a href="https://www.sciencekids.co.nz/sciencefacts/">https://www.sciencekids.co.nz/sciencefacts/</a></p>

creative to it.

<https://www.theteachertrain.com/mc-grammar>



about Katherine. Remember to keep it factual.

<https://www.nasa.gov/content/katherine-johnson-biography>

<https://kids.britannica.com/kids/article/Katherine-Johnson/628677>

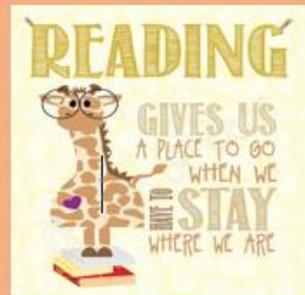
<https://thekidsshouldseethis.com/post/katherine-johnson-videos>

There is also an amazing book about Katherine Johnson - I have pasted the following link for you to watch the book being read aloud. Remember to take notes!

<https://www.youtube.com/watch?v=wXtTMCBpXRg>

have one.

<space/moon.html>



1. Read [this](#) information article about London. Design a leaflet for tourists about our capital city.

2. Practise reading all of the Y6 words [here](#).

3. Read a book on [Oxford Owl](#) and write a book review [here](#).

4. Read own book for 20 minutes for three days.

5. Read your book in a very strange place!

6. Learn the lyrics for one of your favourite songs and perform it for your family.



**Home**

Colour your square when you have completed the reading challenges

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- 
- 

**Year 6**

**Bronze Reading Miles Challenge**

The distance from your home to London is about 360 miles!

So each reading challenge earns you 60 reading miles!



6 x 60 = 360 miles



**London**



# Features of a Biography

## Purpose:

To give an account of someone's life



## Structure:

- Opening statement introduces the subject, and explains why he/she is known
- Significant events are ordered chronologically
- Closing statement explains how this person will be remembered, and sometimes gives the writer's opinion

## Language Features:

- Refers to named individuals
- Contains dates linked to specific events
- Written in the past tense
- Can include direct and indirect speech and quotes from other sources
- Written in 3<sup>rd</sup> person
- Includes time connectives to link ideas
- Events are anecdotal in style (rather than lists of facts), and engage the reader



## Writing Steps to Success

### I can write a short burst biography

+		Features I MUST try to Include:	
Pupil	Teacher		
		Punctuation	I have accurately punctuated parenthesis.
			I have used a range of appropriate punctuation to mark clauses. ; ; ;
		Vocabulary/ grammar	I have included facts about the person I am writing about.
			I have used third person pronouns.
			I have written in past tense.
			I have used technical vocabulary
		Sentence	I have used a range of clause structures.
			I have included parenthesis to provide addition information.
		Text structure	I have used a suitable subheading which is linked to the paragraph I am writing.
			My paragraph fits with the chronology of the whole text.
Comments			
_____			
_____			
_____			
My target for next time			
_____			
_____			

# Statutory Spelling Word Activity Mat: rhyme

Use a dictionary to define the word **rhyme**.

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Add the word **rhyme** to these sentences.

Bee and tree \_\_\_\_\_.

Can you think of a word to \_\_\_\_\_ with friend?

Not all poems have to \_\_\_\_\_.

My little sister likes to \_\_\_\_\_.

Write the syllable of the word **rhyme** inside the hand.



Which word classes does the word **rhyme** belong to?

noun	verb	adjective
adverb	conjunction	pronoun
preposition	determiner	

Which of the letters below is **not** in the word **rhyme**?

h u m  
e r y



Trace the word **rhyme**.

rhyme

Complete the word **rhyme**.

r \_ \_ e

\_ \_ me

r \_ \_ \_

\_ \_ y \_ \_

Write the word **rhyme** in as many different tenses as you can.

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Write your own statement containing the word **rhyme**.

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Edit and improve these words so that they correctly spell the word **rhyme**.

ryhme

rime

rymhe

# Statutory Spelling Word Activity Mat: rhythm

2

Use a dictionary to define the word **rhythm**.

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Add the word **rhythm** to these sentences.

The vet listened to the \_\_\_\_\_ of my dog's breathing.

The \_\_\_\_\_ of the music thumped relentlessly.

My dad has no \_\_\_\_\_.

The poem has a strong \_\_\_\_\_.

Write the syllables of the word **rhythm** inside the hands.



Which of the letters below is not in the word **rhythm**?

h m r t  
u h y

Which word class does the word **rhythm** belong to?

noun	verb	adjective
adverb	conjunction	pronoun
preposition	determiner	

Trace the word **rhythm**.

rhythm

Complete the word **rhythm**.

rh\_\_\_\_m

rhy\_\_\_\_\_

\_\_\_\_thm

r\_\_t\_\_

Can you explain the importance of the letter 'y' in the word **rhythm**?

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Write your own question containing the word **rhythm**.

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Edit and improve these words so that they correctly spell the word **rhythm**.

rythum

ryhthm

rythum

# Statutory Spelling Word Activity Mat: sacrifice

3

Use a dictionary to define the word **sacrifice**.

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Add the word **sacrifice** to these sentences.

Would you \_\_\_\_\_ everything?

Nobody appreciated her \_\_\_\_\_.

They killed a goat as a \_\_\_\_\_ to their god.

He was willing to \_\_\_\_\_ everything.

Write the syllables of the word **sacrifice** inside the hands.



Which word classes does the word **sacrifice** belong to?

noun	verb	adjective
adverb	conjunction	pronoun
preposition	determiner	

Which letter from the word **sacrifice** is missing below?



Trace the word **sacrifice**.

sacrifice

Complete the word **sacrifice**.

sacri\_\_\_\_\_

\_\_\_\_\_fice

sa\_\_\_\_\_ice

s\_\_\_\_i\_\_\_\_e

How many words can you make out of the letters in the word **sacrifice**?

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Write your own exclamation containing the word **sacrifice**.

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Edit and improve these words so that they correctly spell the word **sacrifice**.

sacrifise

sacrefice

sacrafice

# Statutory Spelling Word Activity Mat: secretary

Use a dictionary to define the word **secretary**.

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Add the word **secretary** to these sentences.

My dad is the \_\_\_\_\_ of the local football club.

I left a message with the \_\_\_\_\_.

Who is the \_\_\_\_\_ of this school?

The \_\_\_\_\_ welcomed me to the office.

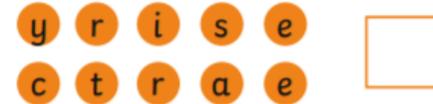
Write the syllables of the word **secretary** inside the hands.



Which word class does the word **secretary** belong to?

noun	verb	adjective
adverb	conjunction	pronoun
preposition	determiner	

Which of the letters below is **not** in the word **secretary**?



Trace the word **secretary**.



Complete the word **secretary**.

\_\_\_\_tary

secre\_\_\_\_\_

sec\_\_\_\_\_ry

s\_\_\_\_e\_\_\_\_y

How many words can you make out of the letters in the word **secretary**?

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Write your own question containing the word **secretary**.

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Edit and improve these words so that they correctly spell the word **secretary**.

secretary

secretery

seckratary

# Statutory Spelling Word Activity Mat: shoulder

5

Use a dictionary to define the word **shoulder**.

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Add the word **shoulder** to these sentences.

I dislocated my  
\_\_\_\_\_ doing gymnastics.

Dee's bag slipped off her \_\_\_\_\_.

I reached out and tapped his \_\_\_\_\_.

How did you hurt your \_\_\_\_\_?

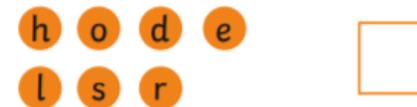
Write the syllables of the word **shoulder** inside the hands.



Which word classes does the word **shoulder** belong to?

noun	verb	adjective
adverb	conjunction	pronoun
preposition	determiner	

Which letter from the word **shoulder** is missing below?



Trace the word **shoulder**.

shoulder

Complete the word **shoulder**.

shou\_\_\_\_\_    \_\_\_\_\_der    sh\_\_\_\_\_er    \_\_\_\_\_l\_\_\_\_\_

How many words can you make out of the letters in the word **shoulder**?

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Write your own sentence containing the word **shoulder**.

Edit and improve these words so that they correctly spell the word **shoulder**.

sholder

sholedar

shoalder

# Topic

This week we are going to focus on the moon. As this was the centre of the Space Race during this time, we need to do some research to learn all about it. The websites provided give lots of information about the moon, use this information to create a fact file about the moon. The fact file can be made in a range of ways and can be written on paper or created on a program such as PowerPoint. Below are some examples of how the fact files could be laid out or presented to show the information that you have discovered. Your fact file could also be presented as a video and uploaded to Seesaw if you would like to try something different.

**Bryan May, out of Queen's MOON Factfile**

Everybody's talking about the Moon these days, and none of us want to get shown up by our lack of lunar knowledge. Now you can keep up with the conversation thanks to this fantastic MOON FACTFILE.

We've teamed up with poodle-haired, plank-spanking Moon-rocker **Brian May** to bring you a handy double-sided credit-card-sized checklist of fascinating nuggets about everyone's favourite barren satellite. Keep it with you at all times so you can refer to it when the need arises.

**Bryan May out of Queen's MOON FACTFILE**

**Name:** The Moon **Shapes:** Circle, lemon, half circle, banana, none  
**Orbital period:** 27.32 days  
**Diameter:** 2159 miles **Colour:** Light grey with darker grey bits  
**Radius:** 1079.5 miles **Cratered surface:** Yes  
**Half radius:** 539.75 miles

**Lifeforms:** Unknown  
**Nearest planet:** Earth  
**Composition:** Moon rock and Moon dust  
**Sides:** 2 (dark and light)  
**Mass:**  $7.34767309 \times 10^{22}$  kg  
**Mass in 1lb bags of sugar:** 16,220,028 x 10<sup>12</sup> bags of sugar  
**Number of people what of walked on it:** 12  
**Number of feet what of walked on it:** 24  
**Number of toes what of walked on it:** 119  
**Name in French:** La Lune  
**Name in Spanish:** La Luna  
**Name in Catalan:** La Lluna

**THE EARTH'S MOON**

**FACT FILE**  
 Diameter: 3476 km (2159 miles)  
 Mass: 1/81 of Earth's mass  
 Distance from Earth: 384,400 km (238,855 miles)  
 Time to go around Earth: 27.3 days  
 Speed around Earth: 1 km/s

**PHOTO FILE**  
 You will see the Crescent Moon in the West just after the Sun has set, or in the East just before the Sun rises.

**SUPER FACT**  
 People used to believe that a full Moon could cause some people to go mad. The word 'lunatic' comes from the Latin word for moon, meaning Moon.

**MY NOTES & PICTURES**

Date and time: \_\_\_\_\_  
 Where were you? \_\_\_\_\_  
 Who was with you? \_\_\_\_\_  
 Describe what you saw: \_\_\_\_\_

**Phases of the Moon**

Watch the Moon for a month and you will see it change shape from a Full Moon to a thin, crescent shape. These are the phases of the Moon. It does not change shape - as it orbits the Earth we can only see the part of Moon that is lit by the Sun. When the whole of the sunlit side faces the Earth there is a Full Moon. When the sunlit side is facing away from Earth, we cannot see it at all and there is a New Moon.

During the first half of each month, the Moon moves closer to a crescent shape than a full Moon.

During the second half, the Moon moves back to a crescent shape (but it's the other side).

☐ Gibbous Moon ☐ Crescent Moon  
 ☐ Waxing Moon ☐ Waning Moon  
 ☐ Waxing Gibbous ☐ Waning Gibbous  
 ☐ Waxing Crescent ☐ Waning Crescent

☐ I HAVE BEEN A... ☐ New Moon ☐ Crescent Moon ☐ Waxing Moon ☐ Gibbous Moon ☐ Full Moon

**THE MOON**

**Fact File**

Read the information about the Moon and answer the questions below.

The Moon is a quarter of the size of the Earth.  
 It is 3476 kilometres wide.

The phases of the moon are the different shapes the Moon appears throughout the month. The moon doesn't change shape, we see different parts of the moon when it is in different stages of its orbit.

On the Moon astronauts wear spacesuits because there isn't any air.

The English word 'month' comes from the word 'moon'.

The Moon is the Earth's only natural satellite.

Neil Armstrong was the first man to walk on the Moon on 21st July 1969. He was an American astronaut.

It takes the moon 4 weeks to go around the Earth.

- How long does it take the Moon to travel around the Earth?
- How wide is the Moon?
- Is the Moon the same size as the Earth?
- Does the Moon change shape during its orbit?
- Can we see a New Moon?
- Where does the word 'month' come from?
- How many natural satellites does the Earth have?
- Who was Neil Armstrong?
- Can we see a Crescent Moon?
- Why do astronauts wear spacesuits on the Moon?

**The Moon**

**FACTFILE**

- Temperature on the moon goes from 130°C in the light to -130°C in the dark.
- The moon's diameter is 27% that of the Earth.
- The moon has far less mass than Earth.
- The moon's gravity causes the tides.

Water 'bulges' on the opposite side of the Earth to the Moon

Water 'bulges' on the side of the Earth facing the Moon