

YEAR 5 HOMEWORK - Pack 9

Whilst school is closed we have planned a variety of homework tasks for your child to complete. The tasks are designed to be completed over several days, and we also expect all pupils to read daily, as well as use TT Rockstars and Spelling Shed.

Years 5 and 6 **Common Exception Words** Hh Aα Cc Ee Nn Rr Tt harass accommodate embarrass temperature category necessary recognise hindrance accompany cemeteru environment neighbour recommend thorough equipment nuisance relevant twelfth according committee Ii restaurant achieve communicate equipped identitu 00 Vv aggressive community especially rhyme immediate variety occupy amateur competition exaggerate rhythm immediatelu vegetable occur ancient excellent conscience individual vehicle opportunity Ss apparent conscious existence interfere sacrifice appreciate controversy explanation Yų Pp interrupt secretary attached yacht convenience parliament Ff shoulder LL available correspond persuade familiar signature language average criticise physical foreign sincere leisure awkward curiosity prejudice forty sincerely lightning privilege Bh Dd frequently soldier profession bargain definite Mm stomach Gg programme marvellous bruise desperate sufficient government pronunciation determined mischievous suggest quarantee muscle develop symbol Qq dictionary queue system disastrous

<u> Task 1:</u>

Practice your spellings of your common exception words in your best handwriting.

Remember: look, cover, write, check.

<u>Task 2:</u> Play TT Rockstars to improve your recall of your multiplication facts.

Specific States







YEAR 5 Maths - Support Sheet





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YEAR 5 Maths - Skill 1

519	36	82,641
422	7844	78,188
783	699	856,553
457	516	343,248
174	32,117	221,371
Round the follo	owing numbers to th	<u>ne nearest 1000.</u>
5219	33,333	658,401
6342	85,454	771,902
2743	79,709	588,433
9841	55,160	728,555
3975	81,100	376,100
Downd the fall	owing numbers to th	ne nearest 10,000.
Round the tollo		
		69,441
854,125	9	0,111
854,125		,742,620
	6	



YEAR 5 Maths - Skill 1 Reasoning

One has been done for you.	
rounded to the nearest hundred	
316 300	
3162	
31628	
316281	
	2 marks
2 Write the number that is nearest to 5000 which uses all the digits 4, 5, 6 and 7	
	1 mark
3 Draw arrows.	
rounded to the nearest 100 is	
3700	
1070	
8200	
8225 3600	
1100	
3680 8300	
3680 8300	
1000	



YEAR 5 Maths - Skill 1 Reasoning

The table shows the total attendance figures for 3 baseball stadiums. Round each number to the nearest ten thousand

Stadium	Total attendance	Total attendance, rounded to nearest ten thousand
Dodger Stadium	3,703,312	
Angel Stadium	3,016,142	
Fenway Park	2,955,434	

2 marks



4

Jack is rounding to the nearest hundred thousand.

Write the smallest whole number that he can round to 3,400,000



1 mark

Grace is rounding to the nearest hundred thousand. Write the largest whole number that he can round to 3,400,000



1 mark

6

Complete the table.

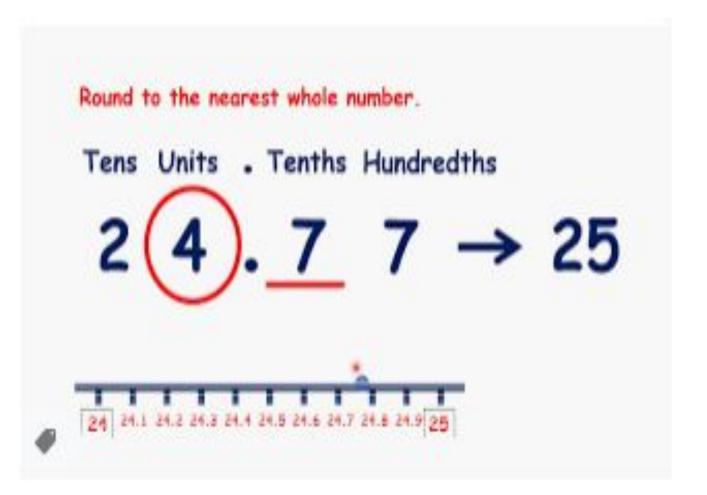
Number	Rounded to nearest 1000	Rounded to nearest 100,000
385,704		400,000
809,601		



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YEAR 5 Maths - Support Sheet





YEAR 5 Maths - Skill 2

1) Round these to the nearest whole number:

a) 7.7	d) 78.4
b) 0.6	e) 3.5
c) 10.9	f) 63.1

2) For each of the following numbers, write 2 decimals that would round to this number when rounding to the nearest whole number:

a) 6 b) 81 c) 12 d) 23 e) 9

3) Circle which numbers could be rounded to the following:

- a) 98 98.7 80 97.9 97.5 98.4
- b) 6 6.6 6.5 6.2 5.6 5.9



YEAR 5 Maths - Skill 2

- 4) Round these to the nearest whole number:
 - a) 3.55 d) 57.57
 - b) 3.49 e) 39.61
 - c) 7.82 f) 354.76
- 5) Circle which numbers could be rounded to the following:

a) 43 - 4	3.78	43.12	43.11	43.3	42.93
b) 12 -	12.13	11.51	11.49	12,51	12,65
c) 685 -	685.99	685.49	684.89	684.12	685,13

6) Round these decimals to the nearest whole number:

a) 8.378 d) 192.435 b) 92.271 e) 4902.555 c) 392.555 f) 2020.671





YEAR 5 Maths - Skill 2 Reasoning

1) For each of the following numbers, write 2 decimals with 3 decimal places that would round to this number when rounding to the nearest whole number:

a) 22 b) 89 c) 390 d) 289 e) 891

2) Who Am I?

I am less than 10. I am 10 rounded to the nearest whole. My tenths digit is odd. I have no hundredths digit.

Who am I? Circle the answer.

7.83 10.3 10.12 9.9 8.7

3) Who Am I?

I am larger than 6. To my nearest whole, I round down not up. One of my digits is odd, but my tenths digit is even.

Who am I? Circle the answer.

5.28 8.6 7.24 8.37 7.85





YEAR 5 Maths - Skill 3

Round each number to the nearest tenth.

1)	8.89	6)	5.48
2)	2.22	7)	2.26
3)	2.43	8)	9.17
4)	7.67	9)	2.78
5)	7.49	10)	7.64

Round each number to the nearest tenth.

1)	8.676	6)	8.497
2)	4.197	7)	5.769
3)	3.245	8)	3.519
4)	5.826	9)	9.831
5)	7.523	10)	4.746





YEAR 5 Maths - Skill 3

Round each number to the nearest hundredth.

1)	9.162	6)	2.972	
2)	8.482	7)	2.355	
3)	1.412	8)	2.793	
4)	6.951	9)	8.892	
5)	2.578	10)	6.356	

Round each number to the nearest hundredth.

1)	9.9611	6)	5.6285	
2)	5.8249	7)	9.8645	
3)	8.1481	8)	5.7419	
4)	2.7578	9)	1.4276	
5)	5.1642	10)	5.1931	





YEAR 5 Maths - Skill 3 Reasoning

Use the clues to find the correct answer from the eight possibilities.

CHALLENGE A

- I am less than 10.
- I am 10 rounded to the nearest whole.
- · My tenths digit is odd.
- I have no hundredths digit.

Who am I?

7.83	10.3	8.7	9.51
10.27	9.9	9.83	10.12

CHALLENGE B

- I am larger than 6.
- To the nearest whole, I round down not up.
- My ones digit is odd, but my tenths digit is even.

Who am I?

5.28	9.84	8.37	7.85
7.24	8.6	9.7	6.8





YEAR 5 Maths - Arithmetic

1	42 × 1 =	8	872 - 84 =
2	$\frac{4}{5} - \frac{1}{5} =$	9	3,901 + 100 =
3	36 + 6 + 6 =	10	48 ÷ 4 =
4	450 + 200 =	11	3097 <u>+ 3605</u>
5	123 × 0 =	12	5 × 4 × 2 =
6	8 × 4 =	13	3 ² =
7	927 + 59 =	14	86 + 3 =



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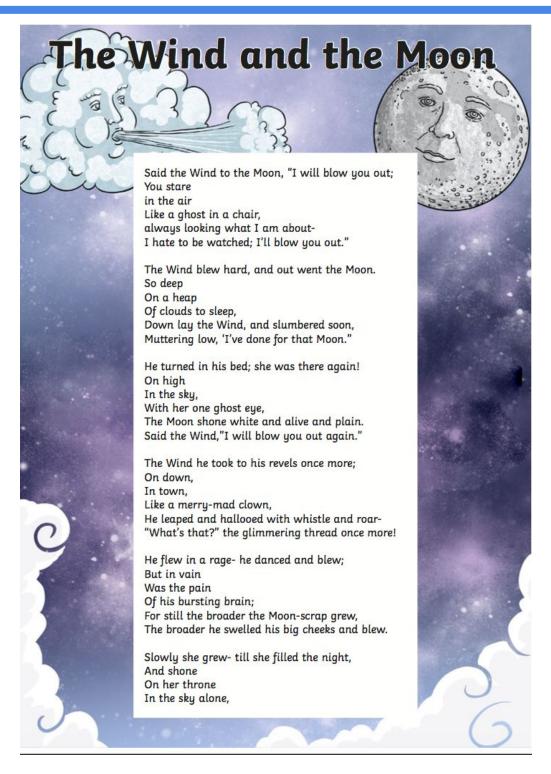
YEAR 5 Maths - Arithmetic

15	$\frac{1}{6}$ of 96 =	22	300 × 60 =
16	7.5 - 1.9 =	23	$0.38 = \frac{?}{100}$
17	0.68 ÷ 10 =	24	3/8 of 120 =
18	2074 × 8 =	25	5.8 × 1000 =
19	34.001	26	607 × 38
	34,001 - 15.806	27	6.9 + 6.15 =
20	0.2 = ?%	28	$\frac{1}{10} + \frac{1}{5} =$
21	2.814 × 5 =	29	2 ⁵ / ₈ ×3 =

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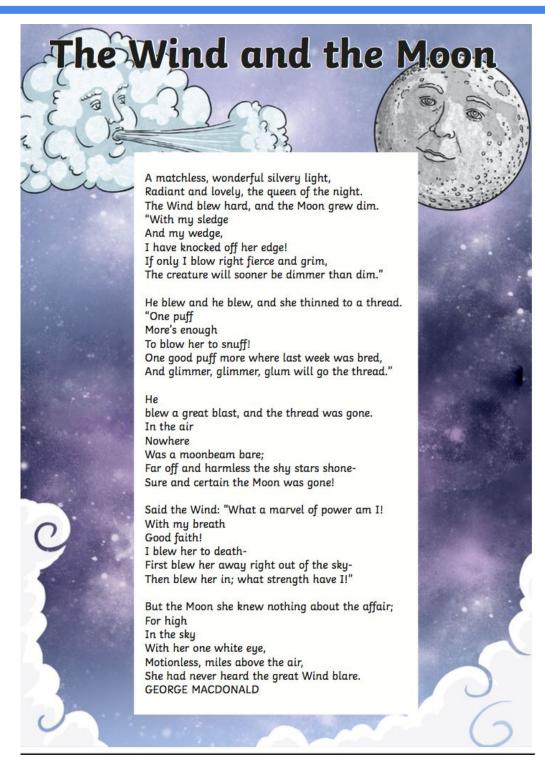
YEAR 5 Reading - Poetry



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YEAR 5 Reading - Poetry





YEAR 5 Reading - Poetry Questions

8. Why does the	Wind want to blow	out the Moon?		[
17. 					1 m
*				-	
0					
8			 	-	
			 	• •	
9. In Verse 1, how	w is the Wind feelir	ıg?		- F	_
		~~		.	1 m
				. [
10					
54					
				-	
			 	-	
	at do the words 'sl		ou about the	-	
0. In Verse 2, wh Wind?	at do the words 'sl		ou about the		2 m
	at do the words 'sl		ou about the	-	2 m
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YEAR 5 Reading - Poetry Questions

Said the Wind: "What a marvel of power am I!	1	
With my breath		2 m
Good faith!	- 1	2 11
I blew her to death-		
First blew her away right out of the sky-		
Then blew her in; what strength have I!"		
What does this verse tell us about the Wind's character?		
	-	
	-	
'Like a ghost in a chair,', 'With her one ghost eye,', 'A matchless, wonderful silvery light,', 'With her one white eye,'		
What is the effect of these descriptions of the Moon?		2 m
What is the effect of these descriptions of the Moon?		2 m
What is the effect of these descriptions of the Moon?	-	2 m
What is the effect of these descriptions of the Moon?	-	2 m
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What is the effect of these descriptions of the Moon?	-	2 m
What is the effect of these descriptions of the Moon?	_	2 m
	-	2 m
Find and copy a word or phrase that shows that the Wind is a fiery,	-	2 m
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Find and copy a word or phrase that shows that the Wind is a fiery,		
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YEAR 5 Reading - Poetry Questions

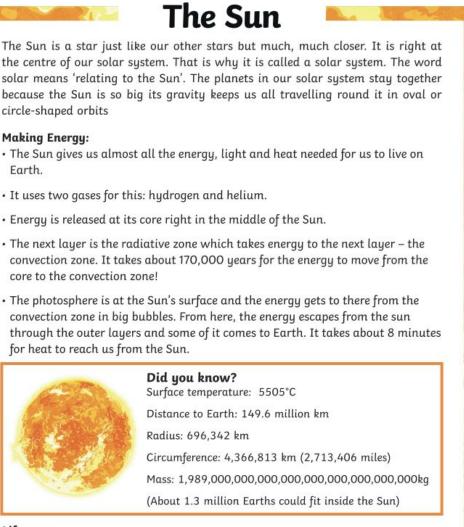
34. How does the Moon react to the	Wind's efforts to	'blow her	out'? Find	evidence in
the text to support your idea.				

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YEAR 5 Reading - Text 2



Lifespan:

The Sun is actually a yellow dwarf star and started about 4.6 billion years ago. It shall eventually run out of energy, but don't worry...not for over 4.5 billion years yet! Before the Sun dies, it will get bigger and turn into what is called a 'red giant'. In 1.1 billion years from now, the Sun will be 10% brighter than it is today. This will make Earth really hot and damp. 3.5 billion years from now, it will be even brighter than that: 40% brighter than it is today. This will boil and the ice will melt. There will be no life on Earth by then, but with astronauts and scientists already making new discoveries and exploring other planets, where do you think humans will be by then?





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YEAR 5 Reading - Text 2 Questions

Questions

1. What gases is the Sun mainly made from?

2. How long does it take energy to reach Earth from the Sun?

3. How far away is the Sun from Earth?

4. What type of star is the Sun now?

5. List the 4 layers of the Sun from the centre to the outside.

6. What keeps our solar system of planets orbiting the Sun?

7. Solar means 'relating to the Sun'. Think of another example where we use the word 'solar'.





YEAR 5 Reading - Text 2 Questions

- 8. Will the Sun last forever? If not, why not?
- 9. Why has the author used an exclamation mark in this sentence to show surprise? 'It takes about 170,000 years for the energy to move from the core to the convection zone!'

10. Look at the final line - where do you think humans will be by then?



YEAR 5 Writing

<u>Skill:</u> Write for a range of purposes and audiences, selecting language that shows awareness of the audience.

Knowledge

When writing any text you must consider who will be the audience or reader. This will impact the way that you will write your text. If your audience is someone who is a friend or family member you would write in an informal manner. However, if you were sending a letter to the Queen you would write in a formal manner.

For example

Informal: Let me know if you can make it ASAP.

Formal: Please inform me if you are able to attend as soon as possible Informal: I reckon we'll have a fun time together.

Formal: I guarantee that we will have an enjoyable time together

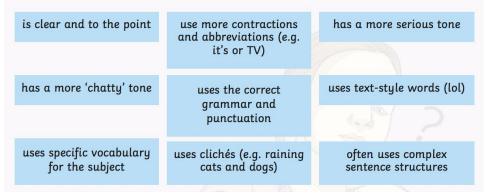
Informal: Please come to see me tomorrow.

Formal: I am requesting that you visit me tomorrow.

What Are Formal and Informal Language?

<u>Activity</u>

Sort the following criteria into formal or informal language conventions:





YEAR 5 Writing

Task:

Write an informal letter to a friend or family member to tell them about what you have been doing during your time on lockdown. You should also ask them questions about their time and leave them with a message to make them feel happy.

WAGOLL

Hampton Vale Primary Academy Westlake Avenue Hampton Vale Peterborough PE7 8LS 30/5/2020

Hey Nicole,

Sorry I didn't write earlier, I've been mega busy during lockdown and just lost track of time! How are you? I'm feeling ok and staying positive. I really miss being at school with my class, who I'm sure are behaving really well and keeping busy at home. Chatting to them on the phone made me want to see those smiley faces again!

I've been keeping busy with my kids (Jude and Ezzy) here at home, they don't stop moving all day. It's been really lovely to see them playing nicely together and becoming best buddies - most of the time. They love to play in the garden, especially when I get the paddling pool out. I also got to see Ezzy take his very first steps. Every cloud has a silver lining! What sorts of things have you been getting up to?

Write back soon I'm really looking forward to hearing all your news!

From,

Megan x

P.S This is a picture from Jude, he hopes you like it.





YEAR 5 Writing

<u>Planning Grid</u>	
Greeting - Date Sender's address Who is your letter to?	
Para 1 Explain How you are feeling. Ask how they feel	
Para 2 Explain what you have been doing. Ask what they have done	
Sign off and leave a P.S.	

<u>Marking Checklist -</u> Use this list to check your features are included as w editing for grammar and punctuation.	<u>Checklist -</u> list to check yo are included as or grammar and on.	our : well as
Did I include	Child	Friend
	Structure and Lo	Language
the sender's address?		
the date?		
an appropriate greeting?		
an introduction?		
paragraphs around a theme?		
first person form?		
vocabulary that shows a chatty, informal style?		
places where the writer addresses the recipient directly?		
a conclusion?		
a complimentary close?		
the sender's name or signature at the end?		







YEAR 5 Writing

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YEAR 5 Grammar - Skill 1

A prepositional phrase is a group of words which contains a preposition followed by a noun, pronoun or noun phrase but no verb. For example: below the tree.

Write sentences which contain prepositional phrases to describe this setting. For example: The kite flew high <u>above the busy beach</u>. Use the word bank to help you, but you can also use your own prepositions.



Preposition word bank:

beyond	beneath	across	underneath	between
beside	among	toward	upon	near
from	around	within	along	above



1

2



YEAR 5 Grammar - Skill 2

A main clause is a clause that can stand alone.

A subordinate clause is a clause that adds information to a main clause.

Underline the subordinate clause in the sentence below.

Hassan and I are going to our dance class; we are going to be

late as we missed the bus.

Which underlined group of words is a subordinate clause?

Tick one.

If you want to, <u>you can walk with us</u> .	
This is the best fishing spot we have found.	
We change places when the bell rings.	
We planted the parsley next to the mint.	



YEAR 5 Grammar - Skill 2

3

Tick one box in each row to show whether the word <u>after</u> is used as a **subordinating conjunction** or as a **preposition**.

Sentence	after used as a subordinating conjunction	<u>after</u> used as a preposition
He moved here <u>after</u> the end of the war.		
Entry is free <u>after</u> 5pm in the evening.		
I went to the cinema <u>after</u> I had eaten my dinner.		

1 mark

4

Circle the most suitable **conjunction** to complete the sentence below.

Amrit still managed to smile _____ he was feeling very tired.

although

because

before

and

1 mark



YEAR 5 Grammar - Skill 2

3

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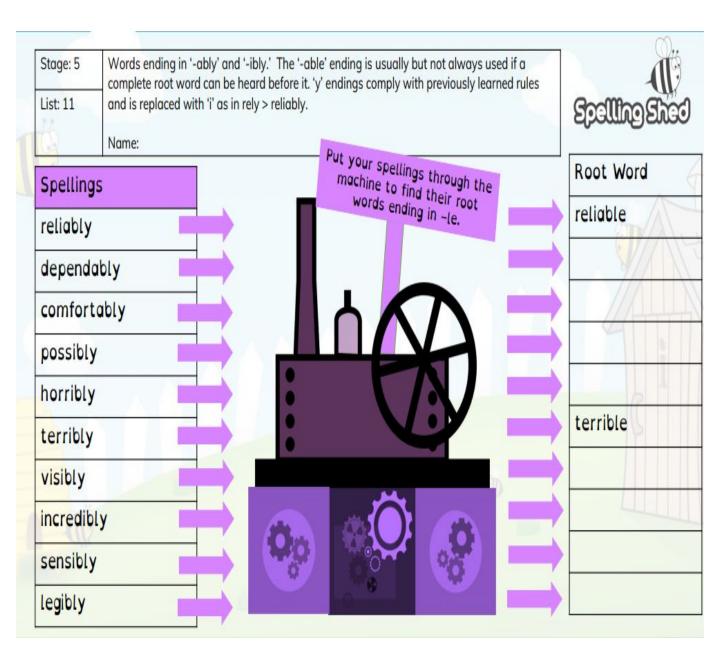
YEAR 5 Spelling Rule

Stage: 5 List: 11		vays used if a sly learned rules	Spelling Shed			
Spellings	5	1 st Attempt	2 nd Attempt	3rd Attempt	4th Attempt	5 th Attempt
reliably						
dependa	bly					///
comfort	ably					
possibly						
horribly						R
terribly						6
visibly		-			CO ED	
incredibl	у				0	
sensibly						
legibly						





YEAR 5 Spelling Rule



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YEAR 5 Science - Levers, Pulleys and Gears.

Levers

The boy in the picture is lifting a heavy log. It is so heavy he can hardly lift it. His friend is lifting a similar heavy log. He is lifting it more easily because he is using a small log resting on another log as a lever. The lever makes lifting the heavy log easy. A lever always rests on a pivot. In this case the log on the ground is acting as a pivot. A lever always has three things - the point where you push or pull, the point where it pivots, and the point where the work is done.

Pulleys

A pulley is a wheel with a grooved rim around which a cord passes. The pulley acts to change the direction of a force applied to the cord and is used to raise heavy weights. In the picture the boy and the girl are both lifting a bucket full of soil. The girl finds it difficult, but the boy is using a pulley tied to a tree and is lifting the bucket with the rope passing under the pulley. He has to exert the same pull as his friend, but he finds it easier to pull on the rope than she does to lift the bucket up by the handle.



Cogs and Gears

Cogs are used on bicycles to make it easier to go fast or climb a steep hill. If you turn a bicycle upside down you can see how the large cog or gear wheel attached to the pedals drives the small gear wheel on the back wheel by means of the chain. If you stick a piece of paper on the tyre you can count how many times the back wheel goes round for one turn of the pedals. You can select a gear for climbing a hill which makes you pedal very quickly. Alternatively, you can select a gear for going fast with very few turns of the pedal.



Task

Answer these questions:

- 1. What is a lever used for?
- 2. What is a pivot?
- 3. What is a pulley?
- 4. What is a pulley used for?

- 5. Where is the largest gear wheel on a bicycle?
- 6. How can gear wheels on a bicycle help you climb a hill?

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YEAR 5 Place and Time - India Knowledge

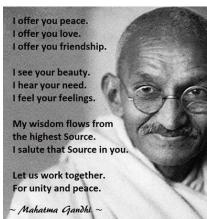


Mohandas Gandhi was born in 1869 in Porbandar, India. When Gandhi was just 13, his parents arranged a marriage for him. He and his wife Kasturba were married for over 60 years. When Gandhi was 16, his father died, but he followed his father's wish that he become a lawyer. At 19, he travelled to London, England, to study at university – even though he had recently become a father himself. When Gandhi returned to India three years later, he learnt that his mother had died while he was away.

Gandhi's career in India started badly, so he took a job in South Africa where he lived with his family for 21 years. It was here that Gandhi experienced first-hand the mistreatment of people of colour. On his first appearance as a lawyer in court, Gandhi was asked to remove his turban. Another time, he was asked to leave a train carriage, despite his first-class ticket. When Gandhi refused, he was forcibly removed at the next station. These experiences left Gandhi determined to fight for social justice.

Gandhi became a political activist, drawing attention to the plight of Indian people in South Africa. When he returned to India in 1915, he helped his countrymen, too. India was ruled by Britain and Gandhi disliked the way that Indians were treated. He soon became leader of the Indian National Congress party, campaigning for independence. Gandhi organised a series of peaceful protests. In 1930, for example, he led a 250-mile march to protest against a salt tax imposed by Britain. Thousands of Indians walked to the coast to make their own salt from evaporated seawater. He also encouraged people to strike and to stop buying British goods. Gandhi was imprisoned many times and would often refuse to eat in prison to get more attention. The people loved Gandhi, and the authorities couldn't risk him dying from starvation in their care.





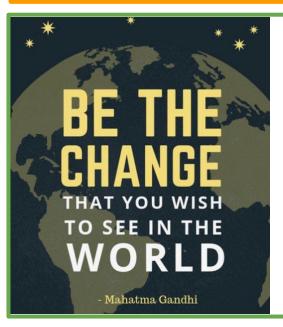
When Britain became involved in World War II (bringing India into the conflict), the desire for independence became stronger than ever. Gandhi called for Britain's immediate withdrawal from India, but the war complicated matters and it was another five years before independence came. India was free at last, but was now partitioned into (mainly Hindu) India and (mainly Muslim) Pakistan. Gandhi was a Hindu but he wanted people to live together, whatever their religion. When violence broke out over the partition, he tried to bring peace. Gandhi was greatly loved, but also had enemies. Some people thought Muslims and Hindus shouldn't live together, and disliked Gandhi's views. In 1948, Gandhi was on his way to morning prayers when he was shot and killed by a Hindu fanatic. Over two million people attended his funeral, joining a five-mile long procession.

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YEAR 5 Place and Time - India Tasks





<u>Task -</u>

Write a paragraph to respond to this Gandhi quote -What change would you like to see in the world?

<u>Questions</u>

Use the knowledge page to answer What was Gandhi determined to fight for? What did Gandhi do to protest? Did Gandhi go to prison? Was Gandhi liked? When and where was Gandhi born?

<u>Retrieval</u>

- What would you see in a bollywood film?
- Name the seven continents...
- What is the Taj Mahal?
- What is Mumbai also known as?





YEAR 5 Place and Time



Competition Extended



Create a painting, drawing or model of the Taj Mahal and email a picture to: <u>mclements@hvp.org.uk</u> Your class teachers will decide the top 10 entries and they will be published for you to vote for your favourite in the next 2 weeks. Don't forget to clearly name your picture.



YEAR 5 Faith and Belief

Read the Christian story of Passover and answer the questions on the next page

More than three thousand years ago, Pharaoh Ramses II ruled over Egypt. One of Pharaoh's closest friends Moses, who had been brought up by a princess as her own son. But Moses was a Hebrew, not an Egyptian, and his people were slaves under Ramses II.

One day Moses saw an Egyptian soldier beating a Hebrew slave, and he was so angry that he killed the Egyptian. Moses then fled to Midian, where he lived for many years as a shepherd. One day, while tending his flock, Moses saw a burning bush.

The bush was ablaze with fire but remained unharmed. Moses understood that God was calling him to save the Hebrews from slavery. Moses didn't know how he would lead his people out of Egypt, but God promised Moses that He would help him.

Moses begged the Pharaoh to let his people go, but he refused. Then he performed a miracle! Aaron threw his staff upon the ground and the staff turned into a snake. Sadly, Ramses refused to let the Hebrews go.

The next morning, as the Pharaoh was walking by the river Nile, Moses and Aaron again asked him to let their people go. When Ramses refused, Aaron struck the Nile with his staff and turned the river into blood, so no one could drink from it. But Ramses remained unconvinced and still refused to let the Hebrews go.

God then sent nine plagues to Egypt, each worse than the earlier. With every plague, Ramses would be afraid, and promise to let the Hebrews go. But as soon as God would lift the plague, he would go back on his word and refuse the Hebrews their freedom once again.

Then God sent one final, terrible plague to the land of Egypt. He sent his Angel of Death to visit every single household in Egypt, and take away the firstborn child. But Moses had warned the Hebrews, and told them to mark their doors with a special sign. So, that night, when the Angel of Death came to Egypt, he passed over the houses with the special sign, and spared the firstborn of the Hebrews. This was the beginning of the Passover, the Jewish festival that celebrates the 'passing over' of the Angel of Death, and the sparing of the firstborn of the Israelites.

But the Angel of Death did not spare a single Egyptian family that night, and took even the Pharaoh's son. In despair the Pharaoh told Moses to take his people and to leave Egypt forever.

When the Pharaoh realised that Moses and the Israelites had actually left Egypt, he sent his army after them, to capture them and bring them back. The Pharaoh's army pursued the Israelites eastwards to the Sea of Reeds, a papyrus lake, which God enabled the Hebrews to cross safely. But the Egyptian army was engulfed by the waters of the lake and each and every Egyptian soldier perished.

Moses then led his people to Mt. Sinai, where Yahweh again revealed himself to Moses. Out of this revelation came the Covenant between Yahweh and the people of Israel, and the Ten Commandments.





YEAR 5 Faith and Belief

Once you have read the text, <u>underline</u> or highlight any key events or important pieces of information that you may need to answer the questions below.

- 1. What was different about Moses?
- 2. Why did Moses kill an Egyptian soldier?
- 3. What sign did Moses see?
- 4. What miracle did Aaron perform?
- 5. Why did God send 9 plagues to Egypt?
- 6. Explain what happened with the 'Angel of Death
- 7. How do you know that the Pharaoh was furious?