

YEAR 6 HOMEWORK PACK 4

Whilst school is closed, we have planned and designed a variety of tasks for the Year 6 children to complete. The tasks are designed to be follow the learning that would have been happening in school, as closely as possible. In addition, we also expect all pupils to read daily, as well as use TT Rockstars and Spelling Shed to practise their times tables facts and spellings.

Please e-mail the Year 6 team via Mrs Fogarty-Slack sfogarty-slack@hvp.org.uk with any questions, support needed or to share all your wonderful work during this period of time.

In addition to the tasks we have set, there are several websites the children can access to continue their learning and revision. Please see below.
N.B. Some of the websites listed are offering free membership for parents/carers during this period of time.

<http://ww.twinkl.co.uk/offer> enter code: UKTWINKLHELPS

<http://www.spellingframe.co.uk>

<https://www.transum.org/Software/SW/Quickulations/>

<https://www.topmarks.co.uk/maths-games/daily10>

<https://www.morningchallenge.co.uk/home>

<https://kids.classroomsecrets.co.uk/> (see next page).

YEAR 6 HOMEWORK

Thank you NHS!

Colour in this page and stick it in your window to show how much we appreciate all the hard work of our NHS staff during this difficult time.



YEAR 6 HOMEWORK - Writing

Home Learning Hall of Fame

Below is a selection of the superb effort many of you have been putting into your home learning over the last few weeks. Keep sending us your wonderful work, and you could end up in the Hall of Fame!

Corin's writing (Moscow class)

In the dead of the night, light dissolved and darkness rose. As a silhouette came flashing by, deafening screams were heard for miles. The scream was coming from a carriage, a carriage which had a beast. It was colossal, the size of a bus.

It's eyes were like crows: dark, frightening and demon-like.

The victim was inside the derelict carriage, her shadow was on the boulder; she was curled up in a ball petrified of what might happen. She was being led to the castle it had no characteristics, it was bare and dull.

The castle was incredibly large with turrets on each corner.



YEAR 6 HOMEWORK - Writing

Home Learning Hall of Fame

Below is a selection of the superb effort many of you have been putting into your home learning over the last few weeks. Keep sending us your wonderful work, and you could end up in the Hall of Fame!

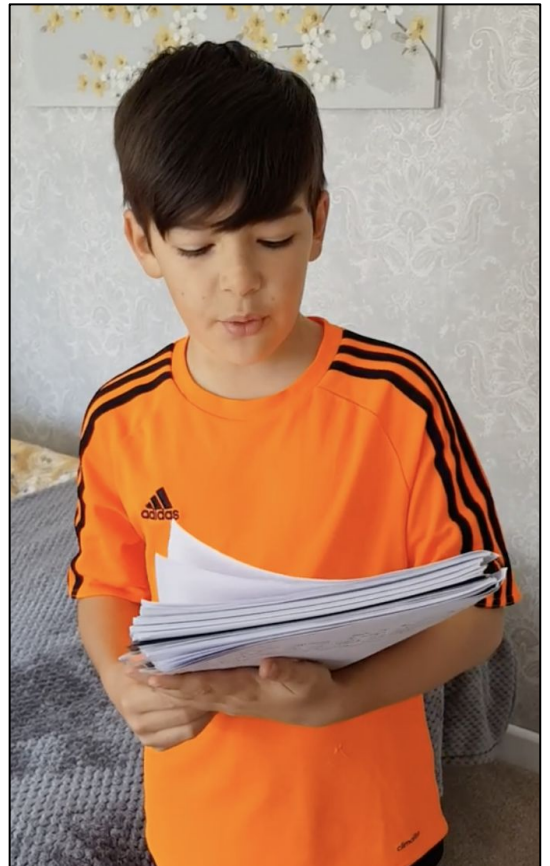
Beau (Washington class)

A few highlights from Beau's incredibly mature speech on how we can reduce waste and the damage to our environment - well done, Beau!

"In the past decade, we have been destroying our planet and we have to fix it. It is all our responsibility so we need to pull together."

"Humans throw things away too often when we can recycle. For example, we can swap toys instead of buying new ones."

"Just one little change from every person, will change the world."



YEAR 6 HOMEWORK - Writing

Hall of Fame

Evie (Washington class)

What an incredible achievement! Evie showed such dedication to this challenge across the year, starting in September and completing whilst at home.

We are so proud of your commitment to reading and finishing the challenge, Evie, well done!



YEAR 6 HOMEWORK

*First*News

NEWS TO GET YOUNG PEOPLE TALKING

Whilst there may be lots of doom & gloom in the news at the moment, here is a more light-hearted news story gracing the news! But can you guess what the story is?
(The answer is on the next page!)



What new invention is this?



What have these penguins been getting up to?

YEAR 6 HOMEWORK

*First*News

NEWS TO GET YOUNG PEOPLE TALKING



Prior to the Government's isolation measures, this inventive hairdresser in Holland created an unusual way to still keep cutting their client's hair – using an umbrella as a shield!



Whilst they are closed to the public, the Shedd Aquarium in Chicago has been letting its penguins out to explore parts of the aquarium they would never normally see!

YEAR 6 HOMEWORK - MATHS

Task 1: Using the following YouTube links, these videos walk the children through past Maths SATs papers, question-by-question. Children can complete the question and then follow the guidance to see if their calculations and answer(s) are correct.

CHALLENGE!

KS2 2015 Level 6 paper

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

Strengths	Areas to work on
✓	*
✓	*
✓	*

*Miss Roach's maths group: In addition to the work in this booklet, please continue to also work through the 'Headstart Mastery' booklet set for you on Friday 13th March.

YEAR 6 HOMEWORK - ARITHMETIC

Fluent in Five

Sets of five arithmetic questions – aim to answer each set in under five minutes!

Set A

$$A. 60 \times 3 =$$

$$B. 17,456 - 4,737 =$$

$$C. 9 + 7 + 8 =$$

$$D. 7 \times ? = 0$$


$$E. 76,328 + 484,313 =$$


YEAR 6 HOMEWORK - ARITHMETIC


Fluent in Five

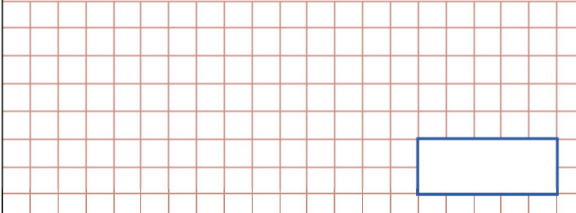
Sets of five arithmetic questions – aim to answer each set in under five minutes!


Set B

1	$8,874 \times \boxed{} = 8,874$
	

3	$87.3 \div 10 =$
	

2	$1,518 \div 6 =$
	

4	$41 + 30 =$
	

5	$83,328 - 76,397 =$
	

YEAR 6 HOMEWORK - ARITHMETIC

Fluent in Five

Sets of five arithmetic questions – aim to answer each set in under five minutes!

Set C

$$A. 6.94 \times 10 =$$

$$B. 374 \times 7 =$$

$$C. 765 + 700 =$$

$$D. 4 + 9 + 1 =$$


$$E. 432 \div 7 =$$


YEAR 6 HOMEWORK - ARITHMETIC


Fluent in Five

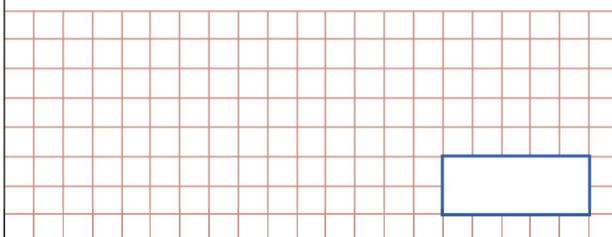
Sets of five arithmetic questions – aim to answer each set in under five minutes!

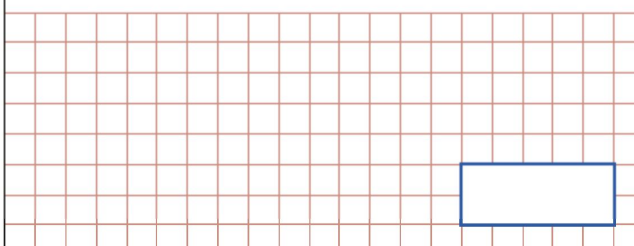
Set D

1	$\frac{2}{5}$ of 90 =
	
<div></div>	

3	$67 \times 32 =$
	
<div></div>	

2	$48.3 \div 100 =$
	
<div></div>	

4	$80 - 28 =$
	
<div></div>	

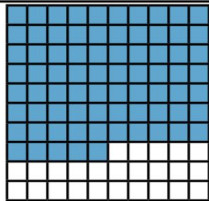
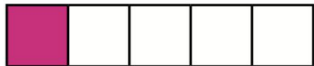
5	$12,384 + 15,843 =$
	
<div></div>	

YEAR 6 HOMEWORK - ARITHMETIC

Set E Match the equivalent decimals, percentages and fractions.

0.3	50%	$\frac{2}{5}$	0.25	$\frac{1}{2}$	12.5%
0.5	40%	$\frac{1}{5}$	0.375	$\frac{1}{8}$	50%
0.4	70%	$\frac{7}{10}$	0.75	$\frac{7}{8}$	87.5%
0.7	20%	$\frac{1}{2}$	0.5	$\frac{3}{8}$	25%
0.9	30%	$\frac{9}{10}$	0.125	$\frac{1}{4}$	75%
0.2	90%	$\frac{3}{10}$	0.875	$\frac{3}{4}$	37.5%

Fill in the missing equivalent decimals, percentages and fractions.

Fraction in Its Simplest Form	Decimal	Percentage
	<div>0.1 0.1 0.1 0.01</div> <div>0.01 0.01 0.01</div>	
		
		
	<div>0.01</div>	

YEAR 6 HOMEWORK - REASONING

Answer each calculation fully, showing all workings.

1

A number has been rounded to the nearest million,
giving 3,000,000

Which of these could not be the number?

A

2,561,000

B

3,621,300

C

2,873,033

D

3,476,958

2

Matthew runs 18,689 metres.

Round this to the nearest km.

A

18km

B

18,000km

C

19km

D

18.6 m

YEAR 6 HOMEWORK - REASONING

Answer each calculation fully, showing all workings.

3

Is it always, sometimes or never true that 5% of 100 is the same as 100% of 5?

A

Always

B

Sometimes

C

Never

D

Cannot tell

4

A family is travelling 784 miles.
Every time they travel 140 miles they stop.
They have stopped 4 times.
How far have they got left to travel?

A

644 miles

B

224 miles

C

220 miles

D

560 miles

YEAR 6 HOMEWORK - REASONING

Answer each calculation fully, showing all workings.

5

Mia pays with a £20 note and gets £1 change.
What could she have bought?



A

5 packs of buns
and 3 cakes

B

3 cakes and 4
packs of buns

C

1 cake and 8 packs
of buns

D

A and C

6

There are 27,400 people at a concert.
8,340 are standing, 12,790 are in the lower tier seating.
The rest of the people are in the upper tier.

How many people are in the upper tier?

A

22.950

B

6,270

C

17,450

D

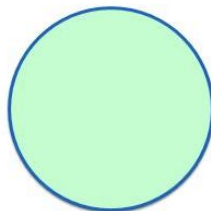
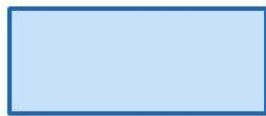
17,781

YEAR 6 HOMEWORK - REASONING

Answer each calculation fully, showing all workings.

6

Which of the following **does not** have at least 4 lines of symmetry?



7

Five pints is approximately 3000 ml.

Approximately how many litres are in one pint?



15 l



3 l



0.6 l



600 ml

YEAR 6 HOMEWORK - REASONING

Answer each calculation fully, showing all workings.

8

Which is the odd one out?

Why?

A

8%

B

$\frac{2}{25}$

C

0.8

D

0.08

9

I'm thinking of a number. I multiply it by 5 and add 7 to it. My solution is 17. What was my number?

A

120

B

-3.6

C

50

D

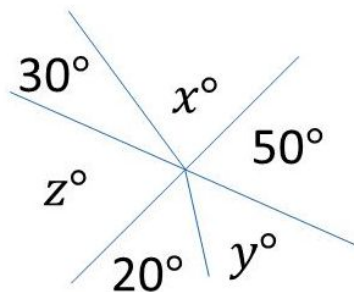
2

YEAR 6 HOMEWORK - REASONING

Answer each calculation fully, showing all workings.

10

Calculate the missing angle z ?



Not drawn to scale

A

$$z = 50^\circ$$

B

You cannot
calculate it

C

$$z = 80^\circ$$

D

$$z = 70^\circ$$

YEAR 6 HOMEWORK - MATHS SKILL

Skill recap: Time (pack 2)

1) Which 24 hour clock shows quarter past 4 in the morning?

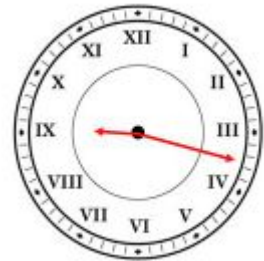
A 04:15

B 16:15

C 15:16

D 15:04

2)



Draw this time on a digital clock:

3)

Holly finishes dancing at 16:45
She has her tea 1 hour and 40 minutes later.
Which clock shows what time she had her tea?



4)

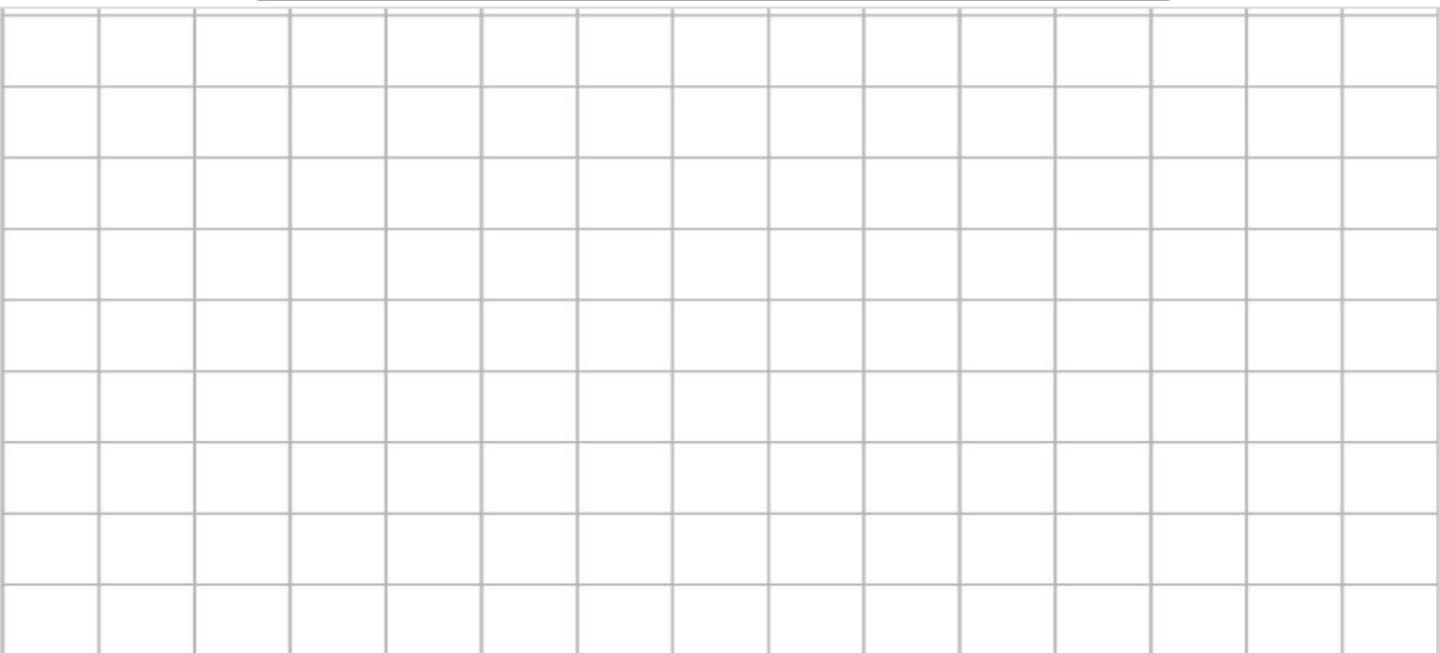
18:21

Draw this time on an analogue clock.

YEAR 6 HOMEWORK - MATHS SKILL

Skill recap: Written division (pack 3)

Q	Question	Answer
1	$405 \div 5 = \square$	
2	$552 \div 6 = \square$	
3	$232 \div 8 = \square$	
4	$186 \div 2 = \square$	
5	$828 \div 9 = \square$	
6	$291 \div 3 = \square$	
7	$522 \div 6 = \square$	
8	$315 \div 9 = \square$	
9	$855 \div 9 = \square$	
10	$292 \div 4 = \square$	



YEAR 6 HOMEWORK - MATHS SKILL

Skill: Written multiplication

Knowledge

Multiply – To increase an amount or number.

Product – Product is the result of multiplying two or more quantities together.

	100	10	1
		4	3
x			6
<hr/>			
	2	5	8
<hr/>			
			1

			2	0	3	
				6	8	
x						
<hr/>						
			1	6	2	4
			1			
+		1	2	1	8	0
		1		1		
<hr/>						
	1	3	8	0	4	
<hr/>						
						1

Watch the following video to recap the written method:

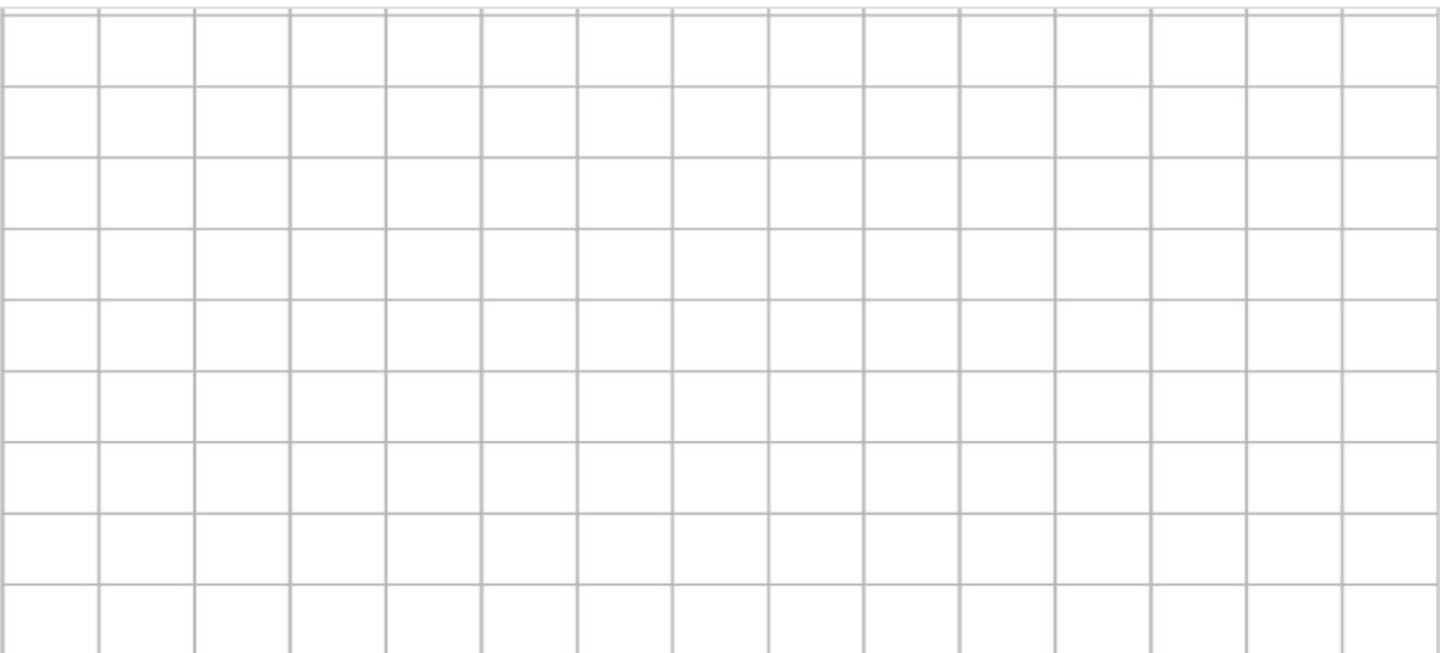
Year 6 mini-maths video tutorial – written multiplication

https://www.youtube.com/watch?time_continue=313&v=J7YZJ-kgNVQ&feature=emb_logo

YEAR 6 HOMEWORK - MATHS SKILL

Skill practise: Written multiplication

Q	Question	Answer
1	$510 \times 14 = \square$	
2	$526 \times 22 = \square$	
3	$274 \times 89 = \square$	
4	$473 \times 11 = \square$	
5	$12 \times 730 = \square$	
6	$12 \times 32 = \square$	
7	$94 \times 454 = \square$	
8	$6 \times 72 = \square$	
9	$4 \times 273 = \square$	
10	$60 \times 37 = \square$	



YEAR 6 HOMEWORK - MATHS SKILL

Skill practise: Decimal multiplication

To revise multiplying with decimals,
visit:

[https://www.mathswithmum.com/
multiplying-decimals/](https://www.mathswithmum.com/multiplying-decimals/)

10 1 ■ $\frac{1}{10}$ $\frac{1}{100}$

7.38

x 6

44.28

4 2 4

[illegible]

[illegible]

[illegible]

4 3.49×85

[illegible]

[illegible]

YEAR 6 HOMEWORK - MATHS SKILL

Apply: Written multiplication

1) Sacks of potatoes contain an average of 95 potatoes. In a year, a farmer sells 4,911 sacks. How many potatoes does she sell in one year?

2) A rugby club has an average attendance of 6,962 people to each match. What is the total attendance for the 39 matches played in a season?

3) William's dad is updating his website for business.

A photographer charges **£695** per day.

A web designer charges **£1025** per day.

William's dad pays **£8235** in total for the work.
He employs the photographer for **3** days.



For how many days does he employ the web designer?

YEAR 6 HOMEWORK - MATHS SKILL

4

There are 77 biscuits in a packet.
A supermarket orders 9,778 packets.

How many biscuits will be in the 9,778 packets?

5) Fill in the missing digits to complete the equation

		4	8	9
x				6
4	4		3	

a)

	5	4	8	9
x				6
4	4	2	3	5

b)

	7	4	8	9
x				6
4	4	9	3	4

c)

	7	4	8	9
x				6
4	4	4	3	4

d)

	3	4	8	9
x				6
4	4	8	3	5



YEAR 6 HOMEWORK - MATHS SKILL

Apply: Written Multiplication



		8	2	1	4	
	x			3	6	
	4	9	2	8	4	+
2	4	6	4	2	0	
2	9	5	6	0	4	

- a) ☐ There is no mistake - it is the correct answer
- b) ☐ The place-holder has been forgotten
- c) ☐ Forgot to carry into the hundreds column when adding up the tens
- d) ☐ Made a mistake when multiplying by 6



YEAR 6 HOMEWORK - MATHS CHALLENGE

Inverse number problems

WE:

I think of a number. I subtract 25 and add 2. I then multiply by 2 and my answer is 154, what number was I thinking of?

Use the *inverse* to solve this problem.

Step 1: Start at the end - 154 (the answer)

Step 2: $154 \div 2 = 77$ (division is the inverse [opposite] to multiply)

Step 3: $77 - 2 = 75$ (subtraction is the inverse of addition)

Step 4: $75 + 25 = 100$ (addition is the inverse of subtraction)

The number you were thinking of is 100.

Collaborative -

have a go at completing these problems with someone at home!

a) I think of a number. I add 15 and multiply by 2. Then I divide by 2 and my answer is 16, what was my number?

Step 1:

Step 2:

Step 3:

Step 4:

The number you were thinking of is _____.

YEAR 6 HOMEWORK - MATHS CHALLENGE

Collaborative -

have a go at completing these problems with someone at home!

b) I think of a number. I divide by 2, add 98 and my answer is 100. What was my number?

Step 1:

Step 2:

Step 3:

The number you were thinking of is _____.

Independent -

show all steps in your workings!

a) I think of a number. I add 50, multiply by 3 and subtract 25. My answer is 275, what number was I thinking of?

b) I think of a number. I multiply by 20, divide by 10 and subtract 5. The answer is 195. What was my number?

c) I think of a number. I double it, add 310, and then subtract 40. My answer is 1490, what number was I thinking of?

d) I think of a number, I multiply it by 2, and then add 9. The answer is 20. What was my number?

e) I think of a number, I divide by 4, add 10 and then double it. My answer is 44. What number was I thinking of?

f) I think of a number, I multiply by itself, subtract 44, add 10 and my answer is -33. What was the number?

YEAR 6 HOMEWORK - MATHS CHALLENGE

$$\text{Caterpillar} + \text{Caterpillar} = 18$$

$$\text{Bee} + \text{Caterpillar} = 19$$

$$\text{Bee} + \text{Spider} = 22$$

$$\text{Spider} + \text{Caterpillar} = ?$$

Puzzle ID: 33746

[Solveemoji.com](https://www.solveemoji.com)

$$\text{Robot} \times \text{Robot} = 49$$

$$\text{Unicorn} + \text{Robot} = 10$$

$$\text{Owl} \div \text{Unicorn} = 6$$

$$\text{Robot} + \text{Owl} = ?$$

Puzzle ID: 34289 [Solveemoji.com](https://www.solveemoji.com)  CODEMOJI

YEAR 6 HOMEWORK - SPELLINGS



<http://play.edshed.com>

All the children have been given accounts for **Spelling Shed** to access at school and at home (**log-in details are stuck inside the children's reading records**). They will be set their weekly spellings using this platform, which they can practice at home ready for their weekly spelling test. We look forward to seeing how they get on with this exciting, new programme.



Well done to the following Spelling Shed superstars who have been smashing it over the last few weeks!

Matilda, Harvey, Evie,
Archie, Tomas W, Joshua,
Patrick, Nueza, Nikola

Each of you have been rewarded with 1,000 points!

Look out for our Spelling Shed Hall of Fame in the next learning pack - will your name be on there?

YEAR 6 HOMEWORK - SPELLINGS

Year 3 and 4 Common Exception Words

Aa	breath	continue	exercise	guard	Kk	naughty	position	recent	Tt
accident	build	Dd	experience	guide	Knowledge	notice	possess	regular	therefore
accidentally	busy	decide	extreme	Hh	Ll	Oo	possession	reign	though
actual	business	describe	Ff	heard	learn	occasion	possible	remember	thought
actually	Cc	different	famous	heart	length	occasionally	potatoes	Ss	through
address	calendar	difficult	favourite	height	library	often	pressure	sentence	Vv
although	caught	disappear	February	history	Mm	opposite	probably	separate	various
answer	centre	Ee	forward	Ii	material	ordinary	promise	special	Ww
appear	century	early	forwards	imagine	medicine	Pp	purpose	straight	weight
arrive	certain	earth	fruit	increase	mention	particular	Qq	strange	woman
Bb	circle	eight	Gg	important	minute	peculiar	quarter	strength	women
believe	complete	eighth	grammar	interest	Nn	perhaps	question	suppose	
bicycle	consider	enough	group	island	natural	popular	Rr	surprise	

Year 5 and 6 Statutory Spellings

accommodate	cemetery	develop	frequently	mischievous	pronunciation	stomach
accompany	committee	dictionary	government	muscle	queue	sufficient
achieve	communicate	disastrous	guarantee	necessary	recognise	suggest
aggressive	community	embarrass	harass	neighbour	recommend	symbol
amateur	competition	environment	hindrance	nuisance	relevant	system
ancient	conscience	equipment	identity	occupy	restaurant	temperature
apparent	conscious	equipped	immediate	occur	rhyme	thorough
appreciate	controversy	especially	immediately	opportunity	rhythm	twelfth
attached	convenience	exaggerate	individual	parliament	sacrifice	variety
available	correspond	excellent	interfere	persuade	secretary	vegetable
average	criticise	existence	interrupt	physical	shoulder	vehicle
awkward	curiosity	explanation	language	prejudice	signature	yacht
bargain	definite	familiar	leisure	privilege	sincere	
bruise	desperate	foreign	lightning	profession	sincerely	
category	determined	forty	marvellous	programme	soldier	

Task 1:
Practice
your
spellings of
your
common
exception
words in
your best
handwriting

Remember:
look, cover,
write,
check.

Task 2:
Write 5
different
sentences
using your
common
exception
words.

YEAR 6 HOMEWORK - SPELLINGS

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

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

noun	verb	adjective
adverb	conjunction	pronoun
preposition		determiner

Trace the word **amateur**.

amateur

Write a synonym and an antonym for the word **amateur**.

Synonym: -

Synonym: _____

Antonym: –

Antonym: _____

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

Gita is an _____ astronomer.

Is he an _____?

The _____ footballers won the match.

My cousin is an _____ cricket player.

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



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

meat

Complete the word **amateur**.

ama_____

_____teur_____

_____t_____

am_____e_____

Write your own statement containing the word **amateur** as an adjective.

Edit and improve these words so that they correctly spell the word **amateur**:

amateur
amature
amershure

YEAR 6 HOMEWORK - Writing

WORD SQUARE PUZZLES

@VocabularyNinja

Generate as many different words as possible using the letters within each grid!



ULTIMATE CHALLENGE!




Discover the single word that is made up from all of the letters within the square.



Grid 1

L	S	
T	E	U
G	R	G

Grid 2

F	E	I
		R
C		E

Grid 3

E	T	T
F	N	O
A	U	R

Worked examples:

rugs

Greg

great (a = Ninja vowel)

TOP TIP!

The Ninja squares can stand for any VOWEL of your choosing!

YEAR 6 HOMEWORK - Writing

Vocabulary Ninja SPaG Spotter

Can you spot?	Circle it in the sentence.
the nouns	David visited Manchester to see his favourite team.
the verbs	Very quickly they opened the door to discover a tomb.
an adjective	Sheena, Phillip and Anthony loved wearing velvet jumpers.
an adverb	Sensibly, they scurried down the corridor.
the articles	A very clever woman found an amazing animal by the sea.
the determiners	Are there more biscuits in the barrel?
the prepositions	Toby hid under the table, whilst Freya hid in the cupboard.
a coordinating conjunction	Julie had loved the trip, yet she was still sad.
the pronouns	His dog could do tricks but mine could not.
a subordinating conjunction	When he was ready, they started up the car's engine.
a noun phrase	Will you talk to these rude people!

YEAR 6 HOMEWORK - Writing

Vocabulary Ninja Which Sentence?



1

Which sentence is **punctuated correctly**?

Tom opened the door, hung his coat, sat down and ate his lunch.

Tom opened the door hung his coat, sat down and ate his lunch.

Tom opened the door, hung his coat sat down and ate his lunch.

Tom opened the door, hung his coat, sat down, and ate his lunch.

**Tick
One**

2

Which sentence is **punctuated correctly**?

"Let's go for a walk by the riverside demanded Jane".

"Let's go for a walk by the riverside, demanded Jane."

"Let's go for a walk by the riverside", demanded Jane.

"Let's go for a walk by the riverside," demanded Jane.

**Tick
One**

3

Which sentence uses **clean** as an **adjective**?

Go and clean your room.

I need to clean the car before I can play.

The clean kitchen was ready for the birthday party.

Andrew used a cloth to clean the windows.

**Tick
One**

YEAR 6 HOMEWORK - Writing

Vocabulary Ninja Which Sentence?



4

Which sentence is an **exclamation**?

The car was bright red

She said the sun was beautiful

What an amazing game that was

The flowers we extremely pretty

Tick
One

5

Which sentence uses **battle** as a **verb**?

The battle was devastating.

During the battle, soldiers fought with each other.

The twins would battle over the stuffed toy.

The tennis match was like a battle.

Tick
One

6

Which sentence contains a **relative clause**?

The girl who I met at the cinema is in my class.

The team is going to play on Saturday.

Tom said he wanted to learn to play the guitar.

Whenever they have time, they like to sit and read.

Tick
One

YEAR 6 HOMEWORK - MATHS SKILL

GPS Skill – teach: Sentences (simple, compound and complex)

Watch the following video to recap the differences between simple, compound and complex sentences:

<https://www.youtube.com/watch?v=vFqH2hLDFRM>

Knowledge

- **Main Clause** – A main clause is a clause that can stand alone.
- **Subordinate Clause** – A subordinate clause is a clause which adds information to a main clause.
- **Subordinating Conjunction** – A subordinating conjunction is a word that joins a main and a subordinate clause.
- **Co-ordinating Conjunction** – A co-ordinating conjunction is a word that joins two main clauses.

YEAR 6 HOMEWORK - MATHS SKILL

Apply: Sentences

Identify whether each sentence is a simple, compound or complex sentence:

- 1) There aren't any chips, which means we'll have to have pasta instead!
- 2) The boys worked very hard on their home learning, so each got a reward!
- 3) The film had me on the edge of my seat, it was so nerve-wracking!
- 4) Go and look for that spelling in the dictionary!
- 5) The Peak District – a national park in Derbyshire – is great for long walks.
- 6) My cousins live in Canada and my grandparents live in India.



What is different about this sentence? Explain fully.

Alana, who has got very shiny hair, always looks neat and tidy at school.

YEAR 6 HOMEWORK - Writing

Text type: Diary entry

Purpose: To inform/recount

Audience: Yourself



Question time!

Who is this girl?
How did she find this nest?
Why did she take the egg?
Who does the giant egg belong to?
What does she plan to do next?

Write a diary entry from the girl's POV
(e-mail us copies of your writing!)

Success criteria

- ✓ 5-10 common exception words
- ✓ 2-3 complex sentences
- ✓ contracted words (e.g. don't, can't)
- ✓ Tier 2 adjectives
- ✓ Emotive language

For starters...

Dear Diary,
So today didn't go *exactly* as I'd expected...

It was just after lunch, Mum had made us do our history work all morning so I was desperate to get outside! I went out, equipped with my phone and bicycle, but...

YEAR 6 HOMEWORK - Writing

GPS Skill – teach: Colons

1. Colons can be used to introduce lists:

The potion contained many ingredients: fingernails, a rat's tail, fish bones and raisins.

The first sentence introduces the list. The colon says, 'Look! Here are the ingredients!'

The potion contained the following things: fingernails, a rat's tail, fish bones and raisins.

This does the same job. As long as the introductory sentence is complete, the colon works.

The potion contained: fingernails, a rat's tail, fish bones and raisins.

This is incorrect. The introductory phrase does not make a complete sentence. No colon necessary!

2. Colons can be used to give details of an idea:

You have two options: do your homework or get in trouble.

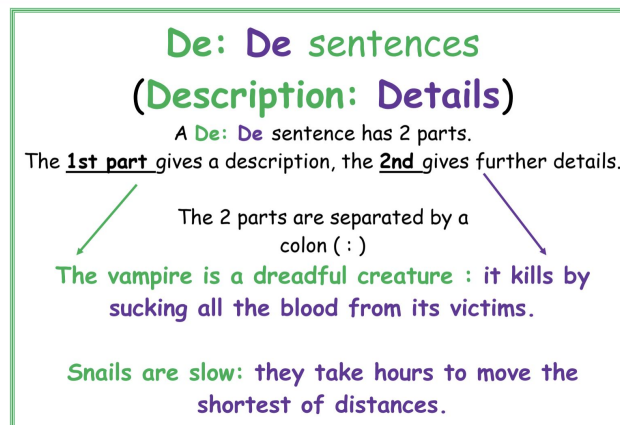
The first sentence introduces the options. The colon says, 'Look! Here come the options!'

I suddenly realised something: perhaps it was a trick!

Here, the first sentence introduces the realisation. The colon says, 'Look! Here is what I realised!'

I knew why he was crying: he had lost his favourite toy.

In this example, the colon is used a bit like 'because'. The second sentence gives the explanation to the first.



Now turn to the next page, to put this skill into action!

YEAR 6 HOMEWORK - Writing



E-mail Mrs F-S a copy of your writing and it could be in the next Hall of Fame!

Question time!

What has happened to
the world?

Where has the water
come from?

What caused the water
to rise?

Are people still living
here?

Challenge!

Create a story based on
this image
from the mermaid's perspective.

Success criteria

- ✓ 6-10 complex sentences
- ✓ 2-3 questions
- ✓ a relative clause
- ✓ Tier 2 adjectives and adverbs
- ✓ 2 De : de sentences

YEAR 6 HOMEWORK - Reading



THE news that really blew our minds this week is that our **planet** now has two moons.

And if that's not enough to rock your socks, this sneaky second moon has been up there for *three whole years!*

The new mini-moon is pretty tiny – between 1.9 and 3.5m across – and has an **unusual** orbit, which is why it hadn't been **spotted** until now. It orbits Earth once every 47 days, but goes way out past the actual moon.



One of the images that revealed the presence of the new mini-moon

It's thought that the mini-moon is an **asteroid** that's been **captured** by Earth's **gravity**, but because its orbit is so **unstable** it will probably shoot off into space again by April.

The new object was spotted by two **researchers** at the Catalina Sky Survey at the University of Arizona in the US.

Now answer the questions on the next page.

YEAR 6 HOMEWORK - Reading

asteroid

(adjective)

Changeable; movable; can change without warning.

orbit

(noun)

A pulling force that works across space.

unstable

(verb)

To be seen, to be noticed.

planet

(adjective)

Strange, different.

researchers

(noun)

A large, natural object that orbits, or travels around, a star.

spotted

(noun)

A chunk of rock and metal in outer space that is in orbit around the Sun.

gravity

(plural noun)

People who study a subject to find out new information.

unusual

(noun)

The path that an object takes in space when it goes around a star, a planet or a moon.

YEAR 6 HOMEWORK - Reading

WORLD NEWS

GABON

Keeping our furry cousins safe

Tourists have been banned from seeing Gabon's gorillas, in case they pass on the coronavirus to them.

So far, Africa has reported only a small number of cases of the virus, but the poor standard of healthcare in many countries there means that the continent could be hit very hard if the virus takes hold. Gorillas can suffer from some of the same diseases as humans, including colds and pneumonia, and many African gorillas have been killed by Ebola in previous outbreaks. "The respiratory viruses that affect humans are easily transmitted to great apes because the two species are so closely related," park official Christian Tchémambela told AFP.



CANADA

Less scaremongering, more caremongering!

Kind Canadians have invented a new word and spread a worldwide trend called caremongering.

The word was created for social media groups in Canada that were set up to provide help to people in need. The groups aim to stop people from scaremongering, which means to create panic and fear. "It's spread the opposite of panic in people, brought out community and camaraderie [trust], and allowed us to tackle the needs of those who are at-risk all the time, now more than ever," Valentina Harper told the BBC.



NEW ZEALAND

Taxis for the birds!

A taxi driver has become the leader of a volunteer army who rescue Hutton's shearwater chicks that crash-land onto roads. The Hutton's shearwater is the only seabird in the world that nests and raises its young in the mountains. On foggy nights, the grey puffballs mistake glimmering roads for the sea and fly straight into them. They're then unable to move, and might get hit by a car or eaten by a cat. Fortunately, Toni Painting and her volunteers are there to help. Toni drives around every night, scooping up the birds she finds helpless at the side of the road, before dropping them off at a rehabilitation centre, which then gets them back to the sea.



SAUDI ARABIA



Maraya means mirrors

A Saudi Arabian company has built the largest mirrored building in the world. Located in the west of Saudi Arabia's Al-'Ula region, the Maraya Concert Hall is 26 metres tall and can seat 500 people. The building is covered by a total of 9,740m² of mirrors.

USA

Basketball record

A teenager has set a world record for the most 'bounce juggles' in one minute with three basketballs. Zaila

Avant-Garde has been practising dribbling basketballs since she was five. She also practised bounce juggling, where you bounce balls off the ground, for two years before trying for the record. She performed the feat on her 13th birthday and managed 231 bounces in one minute. That's about four bounces every single second and 18 more than the previous record. Zaila is a keen basketball player and hopes to join a team in the WNBA (Women's National Basketball Association) one day. "The more the achievements of women are promoted, the more little girls around the world will see that they can do any and everything they put their minds to," she said.



A SCULPTURE by sand artist Sudarsan Pattnaik, raising awareness of COVID-19, the disease caused by the coronavirus.

After you have finished reading, answer the questions on the next page.

YEAR 6 HOMEWORK - Reading

1) Match the people involved (the **subjects of the news story**) to their location.

A taxi driver
An artist
Tourists
A sporty teenager
A business
People living in a community

USA
Gabon
Canada
New Zealand
India
Saudi Arabia

2) Look at the story from **Canada**.

Find the meanings of these three words:-
scaremongering:

camaraderie:

caremongering:

3) Look at the story from **New Zealand**.

Put these events in order.

Some chicks mistake shiny roads for water and crash into the ground

She drives the birds to a rescue centre, where they are nursed back to health and released

Hutton's shearwater birds raise their chicks in the mountains

Each night Toni Painting rescues the chicks and puts them in her taxi

When the chicks are grown, they leave their nests and head for the sea

YEAR 6 HOMEWORK - Reading

4) Look at the news from **India**.

What message is being given in the sand sculpture?
Explain in your own words.

5) Find and copy 3 facts/statistics about the tower that has been built from the story in **Saudi Arabia**:

- i) _____
- ii) _____
- iii) _____


6) Look at the story from the **USA**.

What words would you use to describe 13-year-old Zaila Avant-Garde's new world record? Explain your answer fully.

7) The coronavirus means that there is a lot of serious, and sometimes sad, news about. Which of these stories from around the world do you find either **cheering or fascinating**?

Explain your choice.

YEAR 6 HOMEWORK - Reading



RECORD-BREAKING COMPREHENSION


HOTTEST CHILLI

CHILLIES

Growing chillies


Growing hot Habanero chillies is simple. Follow these easy steps.

1. Fill a seed tray with compost.
2. Place the chilli seeds 5 cm apart on the compost.
3. Cover the seeds lightly with compost.
4. Water the seeds gently.
5. Cover the seed tray with cling film and place in a warm place, such as an airing cupboard. Water the seeds regularly.
6. After two-to-four weeks, when the seedlings have appeared, move the tray to a warm, light place. Do not allow the compost to dry out.
7. When the seedlings sprout a second pair of leaves, transplant them into individual pots. Feed the plants every week with tomato food.
8. When the plants reach 30 cm in height, pinch out the tip to encourage bushiness.
9. Snip off the first chillies when they are still green. This encourages more chillies to grow. Let the next chillies turn red.



Can you take the heat?

- Red chillies are hotter than green chillies.
- The hottest chilli in the world, as of 1 March 2011, is the Trinidad Scorpion 'Butch T', which was grown by The Chilli Factory in Australia. This was tested and rated at 1,463,700 Scoville Heat Units (SHU) according to tests conducted by EML Consulting Services in Morisset, New South Wales, Australia. Cayenne pepper only scores up to 50,000 in the Scoville Heat Test!



After you have finished reading, answer the questions on the next page.

YEAR 6 HOMEWORK - Reading

- 1) How far apart should you plant the chilli seeds?_____
- 2) Which word tells the reader how they should water the seeds when they have initially been planted? What does this suggest?

- 3) What should you do when the seedlings appear?

- 4) Why does the author use the 'Can you take the heat?' subheading?

- 5) What should you do to encourage more growth from the chilli plant?

- 6) How does the Cayenne pepper compare in heat units to other peppers? Explain your thinking.

- 7) Complete the following table.

Statement	True	False
You should position the seed tray to a warm place as soon as they have been planted.		
The top should be cut off the first chillies to encourage bushiness.		
The hottest chilli was grown by 'The Chilli Factory' in 2011.		
When in individual pots, the chilli plant should be fed weekly.		

YEAR 6 HOMEWORK - Reading

After you have finished reading, answer the questions on the next page.



RECORD-BREAKING COMPREHENSION

LARGEST VERTICAL GARDEN (GREEN WALL)

VERTICAL GARDENS

A vertical garden is a wall – or any other vertical surface – that is covered by plants. A vertical garden can also be called a 'green wall'.

A green wall is a great way to increase the area available to grow plants and can be especially useful for people who have small gardens.

The simplest green wall can be created by planting climbing plants at the bottom of a wall. The most complex green walls are created by attaching special modules to a wall and filling them with soil. These are more commonly found on modern hotel and office buildings rather than at private homes. They are beneficial for wildlife and look very attractive.

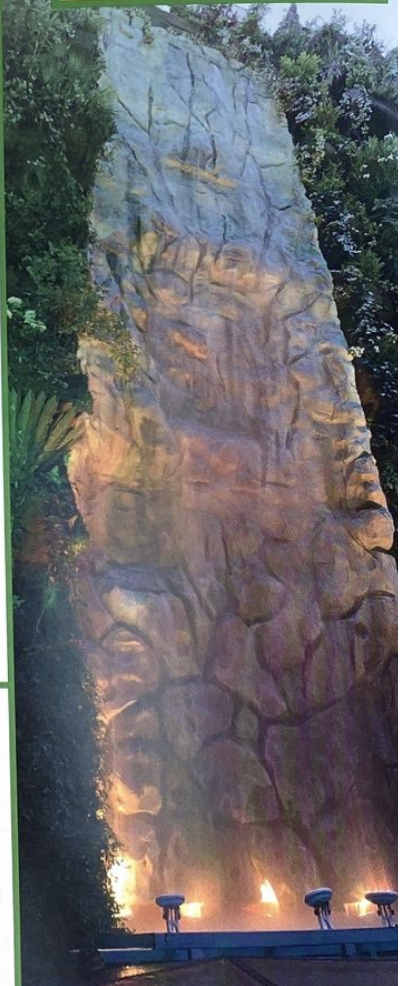
Green walls can be seen in many cities around the world, such as London, Paris and Madrid.

On 23 November 2011, the Hotel Mercure Santo Domingo, in Madrid, Spain, broke the Guinness World Record for the largest vertical garden, measuring an area of 844.05 m².

HOW TO...

Gardening doesn't have to be flat! Try creating your own simple green wall using the steps below:

- Make a frame out of wood.
- Fix metal 'vine eyes' at regular spaces along the frame, about a metre apart.
- Thread strong wire through the vine eyes. Tighten the wires.
- Choose your plants. Plants that are natural climbers work best.
- Plant the climbers in soil or compost, close to the base of the wall.
- As the plants grow, tie them to the framework or wire.



YEAR 6 HOMEWORK - Reading

1) Why are 'green walls' useful for people with small gardens?

2) Describe the difference between the simplest and complicated form of green wall. _____

3) Look at the paragraph beginning 'How To...'

Explain why you may need to use plants that are 'natural climbers' to create a simple green wall. _____

4) Why should you tie plants to the frame or wire?

5) What information can be gathered from this text about the largest vertical garden? _____

6) Find a synonym from the text to match each of the following words, then define the word.

helpful

even

appealing

particularly

YEAR 6 HOMEWORK - Reading/Oracy

Open the separate document we have uploaded to the school website for you, called **'First News debate - Should the government do more to reduce food waste?'**.

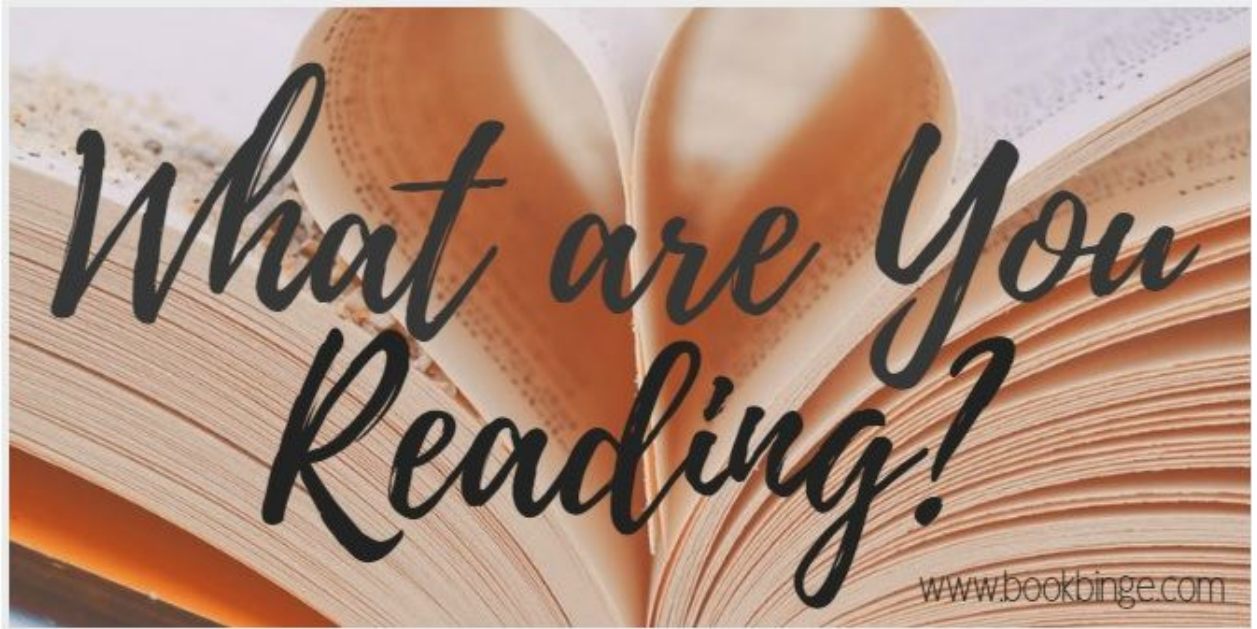
Read the information in the booklet first, making bullet point notes about key points and arguments as you read.

After this, look at the discussion points below and have a discussion (or a debate if you disagree!) with the people in your house – **should the Government do more to reduce the amount of food we waste?**



DISCUSS • ?	Do you think you throw too much food away?	DISCUSS • ?	What kinds of foods do you or your family chuck?	DISCUSS • ?	How can education and information help reduce food waste?
DISCUSS • ?	Do you think your parents plan their food shopping in advance?	DISCUSS • ?	What can you do as an individual to reduce food waste?	DISCUSS • ?	What steps, if any, should the Government take to bring food waste down? Why?
DISCUSS • ?	Can supermarkets and other businesses be trusted to reduce food waste on their own?	DISCUSS • ?	Do you think fining supermarkets or individuals is helpful? If so, why, and if not, why not?	DISCUSS • ?	What steps, if any, shouldn't the Government take to bring food waste down? Why?
DISCUSS • ?		DISCUSS • ?		DISCUSS • ?	What would make you less likely to throw out food?

YEAR 6 HOMEWORK - Reading

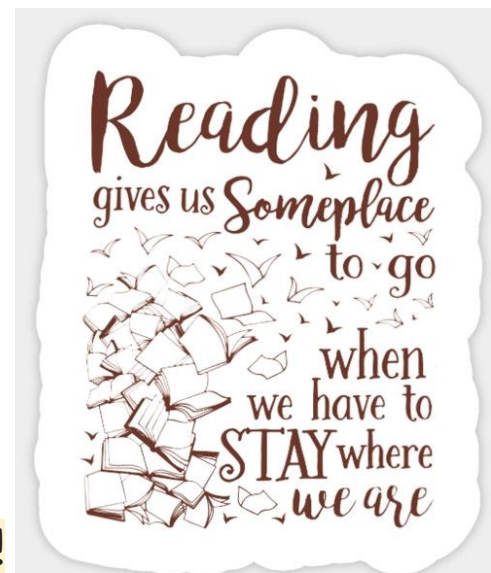


Share with your teacher a review of the book you are currently reading. You can present this in any way you like! Possible ideas might include a written review, a poster, a video or a story-map of the events so far.

Be sure to include:

- The title and author
- A brief summary of the events so far
- A description of the book's protagonist or other key character
- Your opinion of the book
- A prediction of what may happen next

E-mail us your review!



YEAR 6 HOMEWORK - Place & Time

Britain at War

Quiz time!



We have made an online quiz for you and your family to complete!

Anyone can have a go, but the questions are all based on our theme of Britain at War! Why not see who can get the highest score in your house? The top ten quizzers will feature in the next learning pack!

Open www.joinmyquiz.com

from any phone, tablet or laptop/PC
and type in the game code

8 5 8 0 2 4

YEAR 6 HOMEWORK - Place & Time

Research Task :

Who was Winston Churchill?



Fast Facts!

Born: _____

Died: _____

Length of time as Prime Minister: _____

Family: _____

Remembered for: _____

Your task: Create a biography about Winston Churchill.

You may choose to complete this as a piece of writing, or to present your biography in a different way.

Make sure that your biography answers the following questions:

Why is Winston Churchill remembered?

What were Churchill's biggest achievements?

How did Churchill inspire people during the war?

Share your finished piece with
your teacher by E-mail.



Use the following resources to guide your research.

<https://kids.britannica.com/kids/article/Winston-Churchill/352961>

https://www.ducksters.com/biography/winston_churchill.php

<https://www.bbc.co.uk/bitesize/topics/zkrkscw/articles/zfq9pg8>

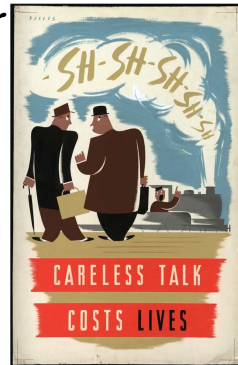
<https://www.youtube.com/watch?v=cFUSLK2z6qI>

YEAR 6 HOMEWORK - Place & Time

World War Two: Code Breakers!

CODEBREAKING

To stop secret messages being intercepted during the war, the British Intelligence Service were working hard to deliver messages in code. Watch the following video to learn more about how the British tried to communicate their plans in secret!



<https://www.bbc.co.uk/teach/class-clips-video/history-ks2-codebreaking-in-world-war-two/zdq2jhv>

Use this code to answer the following questions about WW2.

a	b	c	d	e	f	g	h	i	j	k	l	m
20	21	22	23	24	25	26	27	28	29	30	31	32

n	o	p	q	r	s	t	u	v	w	X	y	z
33	34	35	36	37	38	39	40	41	42	43	44	45

As well as food, what other item was rationed during Second World War?

13 + 9 42 - 11 48 - 14 50 - 11 13 + 14 16 + 8 12 + 26

What were the new homes for evacuees called?

40 - 19 15 + 13 25 + 6 49 - 18 19 + 5 48 - 9 25 + 13

What were people encouraged to collect as part of the war effort?

100 - 62 18 + 4 100 - 63 60 - 40 23 + 12

80 - 48 19 + 5 65 - 26 75 - 55 99 - 68

Why not use a code to make messages for your family to interpret!

You could even research wartime codes to write in or make one of your own by replacing each letter of the alphabet for a different letter, number or symbol.

Eg:
A = 19 or A = F or A = &

YEAR 6 HOMEWORK - Place & Time

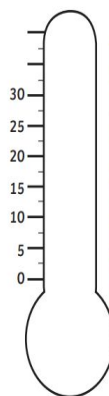
Talking point:

Talk to your partner or within your group about the Second World War for two minutes. While you are talking, you will be given points for every word you use accurately. You can only earn the points once for each word! However, points will be deducted for the use of any words from the banned column.

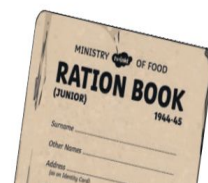
Are you an expert speaker on the Second World War?

1 point •	2 points ••	3 points •••	-1 point
bomb	evacuees	Chamberlain	like
rations	Blitz	Spitfire	erm
medal	Nazi	Anderson	I think
radio	Axis	Churchill	well
tank	Allies	Hitler	you know

Colour your total score on the thermometer:



- 26+ A true expert!
- 16-25 A great lecturer on the subject!
- 6-15 Keep practising!
- 0-5 More work required!



Create your own talking point grid to try at home!

Choose keywords relating to an aspect of our WW2 learning and complete the grid below.

1 point	2 points	3 points	-1 point

YEAR 6 HOMEWORK - Place & Time

Digimap for Schools

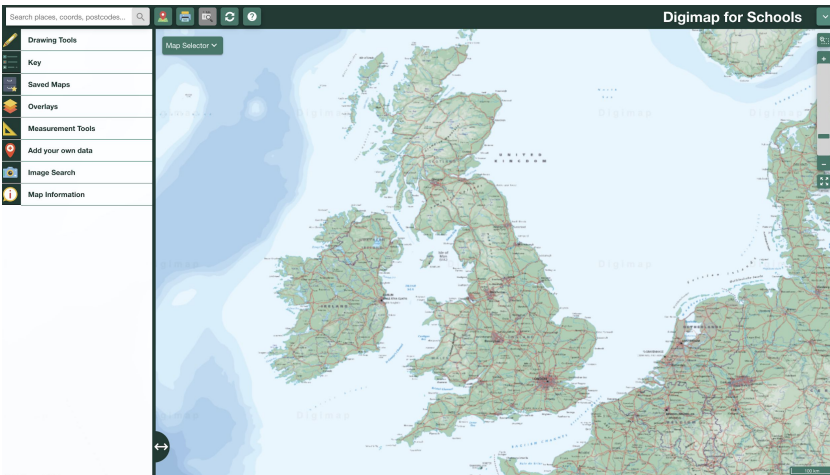
We have registered for a new resource called Digimap. This allows you to see and use maps from around the world! Use the login details below to try some of our challenges!

<https://digimapforschools.edina.ac.uk/>

Username: PE78LS

Password: drairs2931

Subscription available until **31st July 2020**

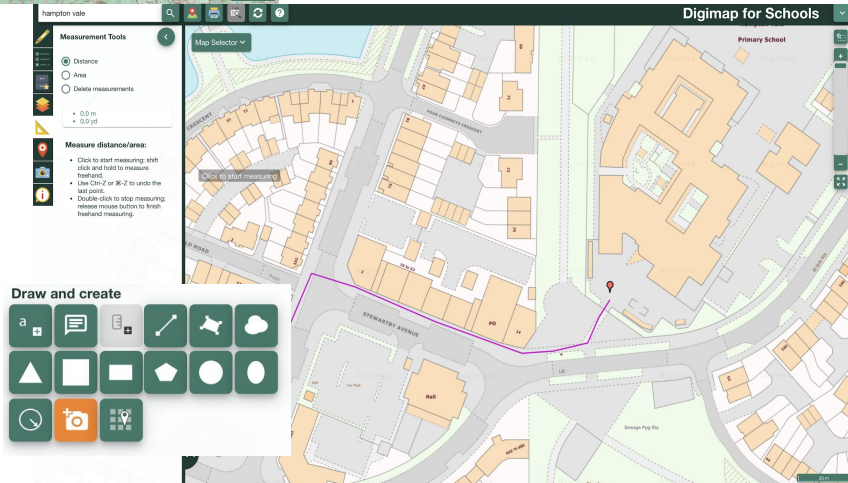


1) Use the search bar to look for locations. Can you find your house or other landmarks from around the world?

2) Use the 'Map Selector' tool to choose which map you're looking at. You might want to look at a map of Peterborough from the 1800s!

3) Plan a walk. Use the drawing tools to map the route you will take. Use the measurement tools to measure the distance of your walk.

4) Print your map and go on your walk. Take photos of key things you find on your journey. Add your photos to the correct point in your journey using the 'upload image' button.



We can't wait to see your maps! Share your creations with us by sending us a JPG or PDF of your map.

Please do not save your maps using the 'Saved Maps' icon, as this can be accessed by all users.

YEAR 6 HOMEWORK



duolingo

Learn a language – for free!

Create a free account on www.duolingo.com
and start learning any language, all for free!



Learn a language for free. Forever.

GET STARTED

I ALREADY HAVE AN ACCOUNT

YEAR 6 HOMEWORK



COPING CALENDAR: KEEP CALM. STAY WISE. BE KIND



30 actions to look after ourselves and each other as we face this global crisis together. Please use & share 🙌

- | | | | | | | |
|--|---|--|--|--|--|---|
| 1 Make a plan to help you keep calm and stay in contact | 2 Enjoy washing your hands. Remember all they do for you! | 3 Write down ten things you feel grateful for in life and why | 4 Stay hydrated, eat healthy food and boost your immune system | 5 Get active. Even if you're stuck indoors, move & stretch | 6 Contact a neighbour or friend and offer to help them | 7 Share what you are feeling and be willing to ask for help |
| 8 Take five minutes to sit still and breathe. Repeat regularly | 9 Call a loved one to catch up and really listen to them | 10 Get good sleep. No screens before bed or when waking up | 11 Notice five things that are beautiful in the world around you | 12 Immerse yourself in a new book, TV show or podcast | 13 Respond positively to everyone you interact with | 14 Play a game that you enjoyed when you were younger |
| 15 Make some progress on a project that matters to you | 16 Rediscover your favourite music that really lifts your spirits | 17 Learn something new or do something creative | 18 Find a fun way to do an extra 15 minutes of physical activity | 19 Do three acts of kindness to help others, however small | 20 Make time for self-care. Do something kind for yourself | 21 Send a letter or message to someone you can't be with |
| 22 Find positive stories in the news and share these with others | 23 Have a tech-free day. Stop scrolling and turn off the news | 24 Put your worries into perspective and try to let them go | 25 Look for the good in others and notice their strengths | 26 Take a small step towards an important goal | 27 Thank three people you're grateful to and tell them why | 28 Make a plan to meet up with others again later in the year |
| 29 Connect with nature. Breathe and notice life continuing | 30 Remember that all feelings and situations pass in time |  <p>“Everything can be taken from us but one thing: the freedom to choose our attitude in any given set of circumstances” ~ Viktor Frankl</p> | | | | |

ACTION FOR HAPPINESS



www.actionforhappiness.org

Find out more about the Ten Keys to Happier Living, including books, guides, posters and more here: www.actionforhappiness.org/10-keys

YEAR 6 HOMEWORK



16 more activities for kids to do at home!

1 Do a family workout

Keeping active is really important - join The Body Coach at 9am on YouTube every day!

2 Play games on Alexa

Try: "Alexa, play Would You Rather for Family" or "Alexa, start SpongeBob Challenge"...

3 Build a fort or den

Grab blankets, sheets, pillows and cushions and create your very own secret den - enjoy!

4 Have a picnic

Get some fresh air with a picnic in your garden. Bring your favourite food & drink and tuck in.

5 Explore with Google Maps

Use Google Maps to find your house, your school and anything else you like!

6 Host a family quiz

Set the questions and get to work - host on video chat to get the grandparents involved too!

7 Shake Up game

Get a 10-minute burst of fun thanks to Change4Life, each featuring a famous character!

8 A-Z of activities

Pick an activity for each letter of the alphabet - put in a jar, then pick a new activity each day!

9 Blind taste test

Fussy eaters - beware! Try a blind taste test challenge, can your kids guess what they're eating?

10 Plant something

Another fresh air idea without leaving home - plant something new and help it grow!

11 Rainbow art

Paint a rainbow and pop it in your front window - it will cheer up the post-person, bin drivers & more!

12 Online theme park tours

Experience top theme park rides from home, with virtual video tours - including Disney!

13 Build a fairy garden

Decorate your very own magical plant pot, making a fantastic fairy garden!

14 Plan movie nights

We've got a list of 50 must-see family movies - how many can you tick off?

15 Do some yoga

Annnd stretch - try Cosmic Kids Yoga on YouTube for a fun yoga class for kids, and grown-ups too!

16 Face-time family

You might not see them for a while, so stay in touch. See if your grandparents can host story time!