



HILL WEST
Primary

FOUR OAKS

Home Learning Pack

Year 5;

Week Beginning 24.05.21



Home Learning Links

Oak National Academy

Oak National Academy is an online classroom and resource hub. It provides high-quality video lessons and resources to support teachers, parents and pupils.

www.thenational.academy

BBC Bitesize

With BBC Bitesize it is easy to keep learning at home. You can access regular daily lessons in English, maths and other core subjects.

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

World Book Online

World Book online have just made their fabulous collection of over 3,000 e-books and audiobooks available for free for children to access at home. They have books suitable for all ages. Click on the following link to access them.

<https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDEzMzA2Mjp1cw%3D%3D>

Read Works.org

Read Works offers access to 3000+ comprehension for all age groups. Just sign up for a free account to access fantastic texts.

<https://www.readworks.org/>

Tutortastic

An online platform with tutorials and videos for home learning.

<https://www.tutortastic.co.uk/blog/homelearning>

Education Quizzes

A series of short quizzes for children to complete related to the National Curriculum subjects. Just select KS1 for Reception, Year 1 & Year 2 and select KS2 for Years 3-6.

<https://www.educationquizzes.com/ks1/>

Top Marks

A range of activities here but especially good interactive activities for maths.

<https://www.topmarks.co.uk/>

Classroom Secrets

Classroom Secrets Kids is offering free access to everyone until the end of April 2020. The platform is aimed at primary aged children and covers subjects such as maths, reading, grammar and spelling. The platform is really child-friendly so that they're able to access it on their own. There are a load of games and interactive activities from phonics to SATs

<https://kids.classroomsecrets.co.uk/>

National Geographic

National Geographic is a great platform for learning and it's totally free. There are online games, resources and competitions, too.

<https://www.natgeokids.com/uk/teacher-category/primary-resources/>

Reading Eggspress

Reading Eggspress has lots of reading activities including comprehension and retrieval questions to have a go at. Your child's Username and Password should be written in his Homework Book.

https://readingeggspress.co.uk/?_ga=2.107706762.961348329.1601363904-660844018.1598947512

We have been learning about division this week, mostly looking in-depth at partitioning and we will transition into using the short method for division. Here are some great maths games to play on Laptops or iPads.

<https://www.topmarks.co.uk/Search.aspx?q=division>

Times Tables Rockstars

This is a great times tables game, practice all of the tables up to 12 x 12. Log- in should be in Homework book/ Reading diary.

<https://trockstars.com/>

SUM1 Key Question Week 6: Are our rights being met?**Key Text for Linked Learning: Letter to Boris Johnson****Linked Learning:** English, PDW, Computing

In English, children will examine the language and vocabulary used in a persuasive text and identify their definitions. They will discuss the author's choice of words and phrases and how they apply to any key features they identify in a persuasive letter. Children will discuss 'powerful' language that helps to relay a message to a reader and will examine different letters and speeches that contain this approach. Children will finish the week by writing a persuasive letter to PM Boris Johnson about the UN Convention for the Rights of Child. In PDW, Children will discuss the Rights of a Child. They will have the opportunity to discuss their interpretation of these rights and how they might apply to children in the UK. They will then widen their discussion to talk about the Rights of the Child across the world and whether or not these Rights are being met. Children will analyse a list of 9 rights and prioritise them. They will take the top 3 rights chosen across the class and create a Class Charter.

Maths: Children will finish work on mental multiplication and division. They will then investigate multi-step problems; choosing the correct calculation for each step. Children will then consolidate work on factors and multiples; knowing the difference between the two and will locate common factors and multiples between 2 numbers. Children will then explore scaling using simple fractions; designing their own version of a Hogwarts dorm room in their books.

Science: N/A

History/DT: Children will look at the clothes and fashion of the Vikings. They will explore the materials used to make clothing and the styles designed for men and women. They will then look at Viking jewellery and how it was designed. Children will then design and create their own Viking brooches using a range of materials.

Geography: Children will apply what they learnt last week about the location of rainforests around the world, to create a relief map showing the geographical locations of rainforests in a 3-dimensional context.

Computing: see Music

Music/Computing: Children will have an opportunity to create a rhythmic notation and find a tone that accompanies the rhythm using GarageBand.

Art: N/A

Design Technology: See History

PDW: See above

P.E: This week, Children will continue to develop their Rugby skills. They will participate in invasion games, team building activities and sending and receiving.

MFL: This week, Children will look at shopping for clothes. They will learn the words for various articles of clothing as well as apply their knowledge of colour to describe each one.

Vocabulary:

Insights, sufficiently, generation, thrive, adequately, sincerely,

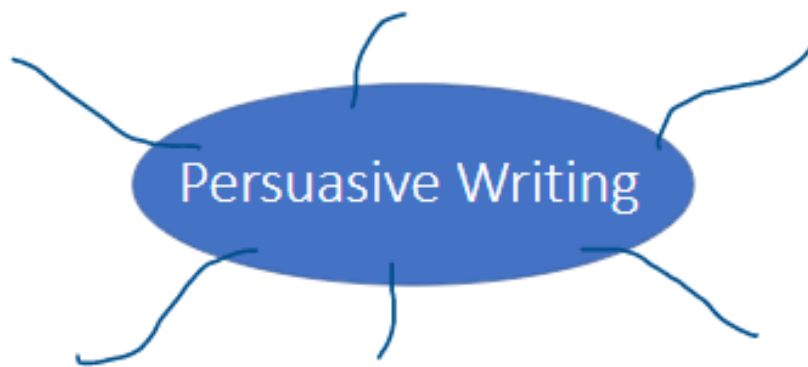
Monday 24th May

English

LO: To identify unfamiliar
language in a complex text

Handwriting: ear ear ear ear ear

What do you know about persuasive writing?



Read the key text....

Are there any words which
you are unfamiliar with?

-
-
-
-
-
-
-

Hill West Primary School
Clarence Road
Sutton Coldfield
B74 4LD

10 Downing Street
London
SW1A 2AA
Monday 24th May 2021

Dear Prime Minister Boris Johnson,

I am writing this letter today, to inform you of some of the issues which face young people in our country. I have recently been learning about the '*UN Convention on the Rights of a Child*' and wondered if I could share some of my insights with you.

While reading through the **Article 27**, which guarantees children the right to food, clothing and a safe space to live, I was appalled to discover that there are as many as 4.3 million children currently living in the UK who are in poverty. These figures do not necessarily even take into account the significant impact of the Coronavirus pandemic, where jobs have been lost and more children have been plunged into the heart-break of poverty. I am devastated to discover these shocking figures and would like to make it clear to you Prime Minister, it is totally unacceptable for this to continue in our great country.

In addition to this failure of your Government, I must draw your attention to **Articles 28 and 29** of the UN Convention on the rights of a child, both of which relate to education. A summary of the two is as follows: 'I have the right to a good quality education which will develop my talents and abilities.' Unfortunately, there are a number of children across the world who do not have the same high-quality education which I receive. In fact, globally, almost 263 million children were not in school and there are far more girls out-of-school compared to boys at primary level (32 million boys vs 29 million girls). Were you aware that more than 150 million children aged 5-17 are victims of forced labour which causes them to miss out on education? I wonder Prime Minister, is there anything that we, as a proud nation, can do to support the education of others' around the world? We must act, swiftly, decisively and make a difference to the children of this world.

Furthermore, **Article 19 and 39** both relate to the protection of children from abuse and harm, and ensure their right to medical help. A quick look online would give you the clear impression that the children of the UK are not being sufficiently protected from harm, be it physical or emotional abuse. In a recent article, Prof Russell Viner suggested that 'We're in danger of failing a generation if we don't turn this around'. Mental health in society is at breaking point. As a result of the pandemic and other factors, children are increasingly becoming overwhelmed by their feelings and this has seen a significant increase in the calls to Childline in relation to mental health. We must protect the children of the UK at all costs, they represent our present and our future, it's time to let go of the past and make a change moving forwards.

I have made my opinions clear, your Government must act. I demand that you support those children and families currently living in poverty, they require food and clothes and a safe space to live. I urge you to reach out to the children of the world and offer them the same great education as the children in our country, share your wisdom, spark their imaginations, see them thrive. Finally Prime Minister, I call on you personally to ensure that the mental health of young people be taken seriously. Research and support ought to be adequately funded and give hope to those who are hopeless, give freedom to those who are trapped and grab a hold of those who are in danger of slipping. Thank you for your time, I look forward to your response.

Yours sincerely,

Ivy Robson

Ivy Robson

Main Task: Identify the definitions of unfamiliar words.

insights		To a satisfactory or acceptable extent.
sufficiently		To grow or develop well or <u>vigourously</u> .
generation		In a genuine way.
thrive		An accurate understanding of something.
adequately		The people born and living about the same time, considered as a group.
sincerely		Enough of something.

Challenge: Can create 3 sentences using the words from the above table?

PAG – To use brackets, dashes and commas effectively to indicate parenthesis.



<https://www.youtube.com/watch?v=YZJbRaA3LUI>

Main Task:

Task 1

For each of these sentences, add an extra information clause (parenthesis) in the spaces. Remember to mark the start and end of your parenthesis with **brackets, commas** or **dashes**. Vary your punctuation; don't use just one!

e.g. My brother never brushes his hair!

My brother, who thinks he's really cool, never brushes his hair! OR

My brother - Jason - never brushes his hair OR

My brother (the scruffiest boy in history) never brushes his hair!

1. I watched a horror film _____
and it really scared me!
2. Dinosaurs _____
were a type of reptile.
3. We're not allowed peanut butter _____
in school because there's a girl who's allergic to nuts.
4. The bats _____
sleep in our attic during the day.
5. I lost my phone _____
when we went on the Thunder Roller ride.

Statutory Spellings:

1. Vegetable

2. Twelfth

3. Embarrass

Maths - Mental multiplication/division

Monday 24th May, 2021

LO: To solve word problems needing mental multiplication or division.

2

A pack of paper has 150 sheets.

4 children each take 7 sheets.

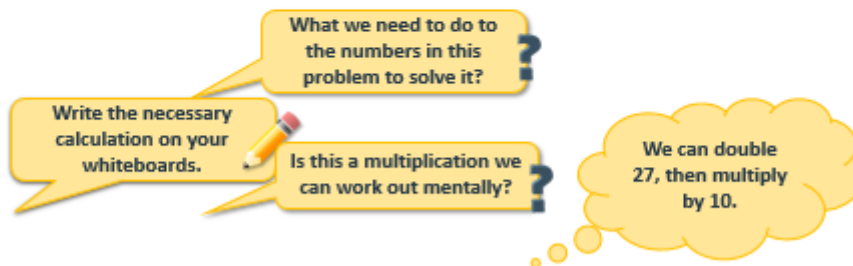
How many sheets of paper are left in the packet?

Rapid Retrieval

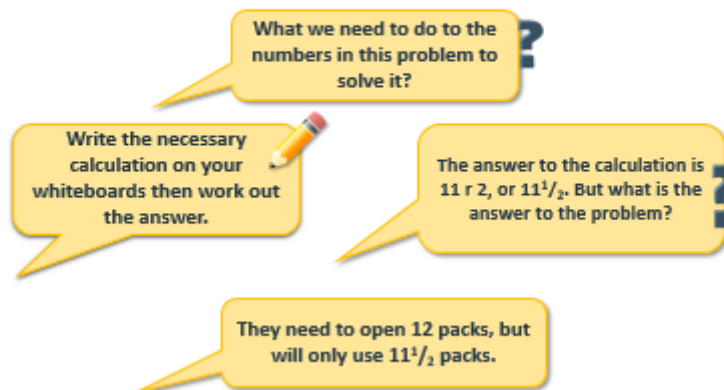
$20 \times 10 =$ $200 \times 10 =$	$20 \times 20 =$ $20 \times 200 =$
$240 \div 6 =$	$240 \div 3 =$
<p><u>Misconception:</u></p> <p>Alex says that when multiplying a number by a power of 10, the digits move to the left.</p> <p>Is she right?</p>	

Day 2: Solve word problems needing mental multiplication or division.

A tea shop has 27 trays of shortbread. Each tray is divided so it holds 20 pieces of shortbread.
How many pieces of shortbread are there?



A coach party of 46 people has come to the tea shop. They all want cream teas. Scones come in packs of 4. How many packs are needed?



Multiplication and division word problems

Sheet 2

1. A tea shop has 49 boxes of herbal tea. They come in boxes of 20 tea bags. How many tea bags do they have?	5. A family of 6 go out for a birthday meal. The bill comes to £75. How much does the meal cost per person?
2. The tea shop has $11\frac{1}{2}$ cakes left. If each cake is cut into 8 slices how many slices is this?	6. A bus route is 38 miles. If the driver drives it 15 times in a day, how many miles is that?
3. 32 children in Year 5 have each brought 20p to buy a snack at break time. How much money have they brought in altogether?	7. A school has 217 children equally split between 7 classes. How many children are in each class?
4. How many weeks is 154 days?	8. A top distance runner takes an average time of 5 minutes to run a mile. How long will it take to run 26 miles?

Challenge

Write the missing number in each calculation:

$$252 \div 6 = \square$$

$$\square \div 6 = 10 \text{ remainder } 3$$

$$102 \div \square = 12\frac{3}{4}$$

English

LO: To identify the language choices made by the writer and discuss them.

Handwriting: are are are are are

Reading Skills

How has the writer used persuasive devices to convince the Prime Minister to take action?

I have made my opinions clear, your Government must act. I demand that you support those children and families currently living in poverty, they require food and clothes and a safe space to live. I urge you to reach out to the children of the world and offer them the same great education as the children in our country, share your wisdom, spark their imaginations, see them thrive. Finally Prime Minister, I call on you personally to ensure that the mental health of young people be taken seriously. Research and support ought to be adequately funded and give hope to those who are hopeless, give freedom to those who are trapped and grab a hold of those who are in danger of slipping. Thank you for your time, I look forward to your response.

Challenge: Can you identify any examples of the 'rule of 3'?

Read the key text....

What key features can you find?

-
-
-
-
-
-
-

(On Page 6)

Main Task: Identify and explain the writer's use of language.

1. In the opening paragraph, which word means the same as 'ideas'?
2. 'In addition to this failure of Government.' How does the author feel about the current situation of education globally? Which words or phrases support this?
3. The second paragraph features the word 'appalled', what does it mean and what does it suggest about the writer's point of view?
4. Amongst the closing paragraph are a list of demands. The writer uses a number of synonyms for the word 'demand', what are they and why are they used?
5. Overall, the language used in this text is formal. Why has the writer been so formal in their approach to these issues?

Challenge: Why did the writer choose to put the articles in Bold and underline some of the statements?

PAG – To use colons accurately



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

Main Task: Use colons accurately

Using your knowledge of colons; make a list of demands to Prime Minister Boris Johnson which explains how he can make life better for the children of the UK.

Eg: *'5 ways to make our country better for kids: enable us to go to the cinema for free, make sweets cheaper, pets for everyone, make xbox games cheaper to buy and let the children make the rules.'*

Challenge: Can you add extra detail to your demands and use a semi-colon to break up the list?

Maths - Mental multiplication/division

Match each shape to its equivalent fraction.

One has been done for you.



$\frac{7}{10}$



$\frac{3}{5}$



$\frac{1}{2}$



$\frac{4}{5}$



$\frac{3}{10}$

Tuesday 25th May, 2021

LO: To solve single and multi-step problems

Rapid Retrieval

$15 \times 10 =$	$25 \times \underline{\quad} = 100$
$15 \times 5 =$	$100 \div \underline{\quad} = \underline{\quad}$
$20 \times 6 = 120, 30 \times 6 = 180.$	Estimate: 12×500
Misconception: Alex says that $135 \div 6$ makes 120 remainder 15. What did he do wrong?	

Happy Holidays!

Today, we're going to use our multiplication and division skills to solve holiday-related number problems...

Read this problem.

**A Boeing 747 can carry 416 passengers.
How many passengers were carried on three such planes if a total of 27 seats were empty?**

Discuss with a neighbour - do you **Understand** what you need to do with the numbers in the problem? What **Calculation** is needed to **Solve** the problem?

We first need to find how many passengers *could* fly on the three planes, then subtract the empty seats.

$$(3 \times 416) - 27$$

Now find the **Answer** to the problem.

A quick **Check** - does the answer look sensible? Did we need the number 747?

As you are off on holiday, did you remember your **RUCSAC**? This is a useful acronym to help you through the stages of solving a word problem...

A seaside town has a population of 19,426 people.
During one hot weekend, 27,428 people came to stay, while
2,183 residents were away.
How many people were in the town that day?

Read the problem.

Understand what you need to do.

Calculation: Which operation do you need?

Solve the calculation.

Answer the problem.

Check - does the answer seem reasonable?

X 60	2	4	6	8
X 30	2	4	6	8

Holiday word problems

Sheet 2

1. The temperature is 38°C in Greece today and only -3°C in Iceland, what is the difference between the two temperatures?	4. A plane's average speed is 247mph. How far will it have flown after 3 hours?
2. The Smith family are going for a day out. The seaside town they are visiting is 132 miles away. So far they are $\frac{2}{3}$ of the way there. How much further do they have to go?	5. Petrol costs 120p per litre. The drive from home to the holiday cottage uses a whole tank of petrol: 60 litres! How much does it cost to drive there <u>and</u> home again?
3. Four brothers and sisters have been putting small change into a jar to save for holiday spending money. They have saved £134 and their grandparents give them an extra £40. How much money do they have each?	6. A family are looking for a last minute holiday. They see a holiday cottage advertised online with 20% off the full price of £450. What will be the reduced price?
7. Theme park family tickets cost £110. One day in April, the theme park takes £7700 in family ticket sales. How many tickets is this?	

Challenge

Now make up your own holiday word problems for someone else to solve.
You must be able to work out the answer yourself!

Multiplication Squares

Age 7 to 11

Challenge Level ★

In the 2×2 multiplication square below, the boxes at the end of each row and the foot of each column give the result of multiplying the two numbers in that row or column.

7	5	35
3	4	12
21	20	

The 3×3 multiplication square below works in the same way. The boxes at the end of each row and the foot of each column give the result of multiplying the three numbers in that row or column.

			15
			108
			224
144	8	315	

The numbers 1 – 9 may be used once and once only.

Can you work out the arrangement of the digits in the square so that the given products are correct?

Wednesday 26th May

English

LO: To write a persuasive text which contains key features.

Handwriting: rew rew rew rew rew

Reading Skills

What makes this persuasive speech so powerful?

Martin Luther King, Jr.'s *I Have a Dream* speech is one of the most famous persuasive speeches of all time. Excerpt:

Now is the time to make real the promises of democracy. Now is the time to rise from the dark and desolate valley of segregation to the sunlit path of racial justice. Now is the time to lift our nation from the quicksands of racial injustice to the solid rock of brotherhood. Now is the time to make justice a reality for all of God's children.

Which techniques from this speech could you use in your writing?

Which powerful sentence openers do you like most? Why?

-
-
-
-
-
-
-

Main Task: Writing your introduction and first paragraph.

Top Tip – Use the back of your text to support you!

1. Using the example text to guide you, write an introductory paragraph to the Prime Minister about the UN convention for the Rights of Child.

2. Now, Write the first persuasive paragraph about one or more of the articles.

Challenge: Can you include the rule of 3 or repetition in your writing to make it more persuasive?

Persuasive Conjunctions

- On the other hand,
- Consequently,
- In fact,
- However,
- As I can see,
- In truth,
- In short,
- For instance,
- In this situation,
- In support of this,
- Likewise,
- Similarly,
- Specifically,
- In addition,
- Of course,
- For this reason,
- Evidently,
- Obviously,

High-Level Phrases

- I implore you to...
- How could anyone possibly?
- Evidence overwhelmingly shows...
- The fact of the matter is...
- I strongly believe that...
- It's clear for all to see...
- Do you really think that...
- With good reason...
- Naturally,
- Research suggests...
- Moreover...
- I utterly condemn...
- It is imperative that...
- Is it really worth it?
- Based on the research...
- How can you proceed in this way?
- Now is the time for action.
- We mustn't delay.

Food Poverty statistics

1. 'Hundreds of thousands of tonnes of good food is wasted by the UK food industry' - [Foodbank Charity](#)
2. 4.7 million UK children live in [households](#) which are severely food insecure and children regularly experience physical sensations of hunger.
3. 8.4 million [people](#) (The equivalent of all of London) are struggling to afford to eat.

Protection of Children figures

1. Over 55,000 children in England have a GP because of experience, or risk of abuse or neglect.
2. 389,260 children in the UK are categorised as 'in need of support from the government'.

UN Convention Rights

- Article 37 – No one is allowed to punish you in a cruel or harmful way.
- Article 28 – You have the right to a good quality education.
- Article 26 – You have the right to develop your talents and abilities.
- Article 36 – You have the right to help if you have been hurt.
- Article 19 – You have the right to be protected, body and mind.
- Article 24 – You have the right to the best healthcare, food and water.
- Article 27 – You have the right to food, clothing and a safe place to live.

Persuasive Conjunctions

- On the other hand,
- Consequently,
- In fact,
- However,
- As you can see,
- In other words,
- As evidenced,
- For instance,
- In this situation,
- In support of this,
- Likewise,
- Similarly,
- Specifically,
- In addition,
- Of course,
- For this reason
- Evidently,
- Obviously,

High-Level Phrases

- I implore you to...
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- Research suggests....
- Moreover...
- I utterly condemn....
- It is imperative that....
- Is it really worth it?
- Based on the research...
- How can you proceed in this way?
- Now is the time for action.
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Food Poverty statistics

1. 'Hundreds of thousands of tonnes of good food is wasted by the UK food industry' – FareShare Charity
2. 4.7 million UK children live in households which are severely food insecure and children regularly experience physical sensations of hunger.
3. 8.4 million people (The equivalent of all of London) are struggling to afford to eat.

Protection of Children figures

1. Over 51,000 children in England have a CPP because of experience, or risk of abuse or neglect.
2. 389,260 children in the UK are categorised as 'in need of support from the government'.

UN Convention Rights

- **Article 37** – No one is allowed to punish you in a cruel or harmful way.
- **Article 28** – You have the right to a good quality education.
- **Article 29** – You have the right to develop your talents and abilities.
- **Article 39** – You have the right to help if you have been hurt.
- **Article 19** – You have the right to be protected, body and mind.
- **Article 24** – You have the right to the best healthcare, food and water.
- **Article 27** – You have the right to food, clothing and a safe place to live.

Statutory Spellings:

1. Hindrance
2. Mischievous
3. Familiar

Maths - Multiplication and Division

Wednesday 26th May, 2021

LO: To find common multiples and common factors.

Maria bakes cakes and sells them in bags.



She uses this formula to work out how much to charge for one bag of cakes.

Cost = number of cakes \times 20p + 15p for the bag

How much will a bag of 12 cakes cost?

£

Rapid Retrieval

23.65 – 14.74	Find a pair or numbers with the difference of: 2.36
You have £100 You buy a skateboard for £65.14 What is your change?	126÷6
Misconception: Alex says that 2.9 - 1.31 makes 1.51. What did he do wrong?	

List multiples of:

Find factors of:

4

6

36

48

Common Factors

84

And

42

Common multiples and factors

Sheet 1

Write a common multiple of
each pair of numbers

1. 2 and 5
2. 3 and 4
3. 5 and 6
4. 5 and 10
5. 6 and 9
6. 5 and 12
7. 6 and 8
8. 7 and 8
9. 3 and 5
10. 8 and 12

Write a list of factors each pair
of numbers have in common

1. 12 and 15
2. 15 and 30
3. 20 and 30
4. 16 and 24
5. 15 and 21
6. 18 and 24
7. 42 and 56
8. 24 and 30
9. 32 and 48
10. 24 and 36

Challenge

Use dice or place value cards to create two 2-digit numbers. List any factors that these numbers have in common (other than 1).

Ring the numbers that are the common factors of 12 and 18:

2 3 6 9 12

Thursday 27th May

English

It is the same LO as yesterday.

Look over your own work.



Self - Assessment

Read through your first 2 paragraphs and assess its effectiveness at grabbing the attention of the reader. Does it include any of the key features? Would you want to read on?

On a post-it note; Write **one** thing you were **impressed** with and **one** thing you could do to **improve** your work in the lesson.



Main Task: Continue your persuasive letter writing

1. Continue writing your persuasive letter, use key facts and figures to support your claims. If you want any other specific facts, use an iPad to research them.

2. Ensure your final paragraph contains some strong messages which will stick in the readers' mind... What about using the rule of 3?

Challenge: Have you included a range of conjunctive openers?

Persuasive Conjunctions

- On the other hand,
- Consequently,
- In fact,
- However,
- As you can see,
- In other words,
- As evidenced,
- For instance,
- In this situation,
- In support of this,
- Likewise,
- Similarly,
- Specifically,
- In addition,
- Of course,
- For this reason,
- Evidently,
- Obviously,

High-Level Phrases

- I implore you to...
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Food Poverty statistics

1. 'Hundreds of thousands of tonnes of good food is wasted by the UK food industry' - [Foodbank Charity](#)
2. 4.7 million UK children live in [households](#) which are severely food insecure and children regularly experience physical sensations of hunger.
3. 8.4 million [pounds](#) (The equivalent of all of London) are struggling to afford to eat.

Protection of Children figures

1. Over 55,000 children in England have a CPP because of experience, or risk of abuse or neglect.
2. 389,280 children in the UK are categorised as 'in need of support from the government'.

UN Convention Rights

- Article 37 - No one is allowed to punish you in a cruel or harmful way.
- Article 28 - You have the right to a good quality education.
- Article 29 - You have the right to develop your talents and abilities.
- Article 39 - You have the right to help if you have been hurt.
- Article 19 - You have the right to be protected, body and mind.
- Article 24 - You have the right to the best healthcare, food and water.
- Article 27 - You have the right to food, clothing and a safe place to live.

Statutory Spellings:

1. Opportunity

2. Privilege

3. Professional

Maths - Multiplication and Division

Thursday 27th May, 2021

LO: Solve problems requiring scaling by simple fractions

$$\begin{array}{r}
 4\square \\
 \times \square 6 \\
 \hline
 246 \\
 820 \\
 \hline
 1066
 \end{array}$$

Rapid Retrieval

2.369×100	$59 \div 10$
$2.3\text{km} = \underline{\hspace{1cm}}\text{m}$	$0.23\text{m} = \underline{\hspace{1cm}}\text{cm}$
<p>Misconception:</p> <p>Alex says that when dividing a number by 10, the decimal moves to the left. Is she right?</p>	

Day 2: Solve problems requiring scaling by simple fractions.

Hogwarts

Do you know any other scale models?

Every dimension of the scale model is $\frac{1}{24}$ of what would be real life-size. In other words, the designers had to divide every length and height by 24 so that the model would look right and be 'in proportion'.

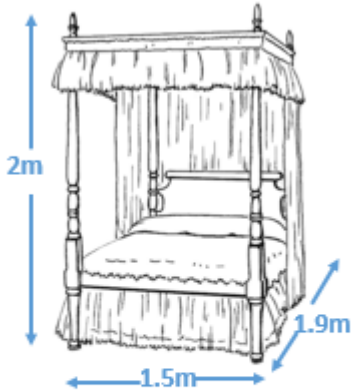
Today you are going to work in groups to design your ideal bedroom; it could even be a bedroom at Hogwarts! You are going to make a scale model, and so will need to work out the dimensions for each length.

Your imaginary room is 4.6m by 4.2m, and the scale model is to be $\frac{1}{10}$ of this. Work out the scale dimensions.

Room is 460cm by 420cm, so the scale model room will be 46cm by 42cm.

We just divided the dimensions by 10!

Work out the measurements needed for a scale model of the 4-poster bed.

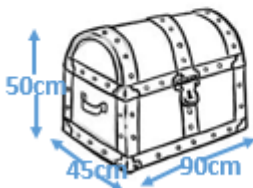


2m

1.5m

1.9m

Work out the measurements needed for a scale model of the trunk.



50cm

45cm

90cm

Scale bedroom at Hogwarts Castle

Sheet 1

Work out the dimensions of everything in the model bedroom.

Each measurement needs to be $\frac{1}{10}$ of the life-size measurements.

Item	Life size dimensions	Model dimensions
Single bed	90cm wide, 2m long, 60cm high	
Owl's cage	90cm tall, 40cm wide, 40cm deep	
Box of potions	30cm by 20cm by 20cm	
Desk	80cm tall, 1.2m wide, 70cm deep	
Spells book	50cm tall, 30cm wide, 10cm deep	
Wardrobe	80cm wide, 1.8m tall, 50cm deep	
Chest of drawers	80cm wide, 80cm tall, 40cm deep	
Bedside drawers	50cm wide, 40cm deep, 60cm tall	

Challenge

Think of three more items in the bedroom, give an estimate of their life size dimensions and the corresponding model dimensions.

Write all the common multiples of 3 and 8 that are less than 50.

Using the digits 1, 5 and 6, make the following 2-digit numbers:




- a prime number;
- a common multiple of 5 and 13;
- a common factor of 60 and 90.

English

LO: To self-assess my work to improve its content

Handwriting: rea rea rea rea rea

Starter – Self-Assessment

<u>Have you included the feature?</u>			
Facts and evidence to support reasons			
Conjunctions to link ideas (however, therefore, furthermore)			
Persuasive devices (Obviously, without doubt, clearly)			
Powerful Adjectives			
Rhetorical Questions			
Conclusion which summarises or states opinions			

Edit and improve

You must finish off your piece of writing and edit any language you are not sure of, check spellings and ensure that you have included as many of the key features as possible.



Once you are happy with your finished letter, you must now re-write it in neat.

Statutory Spellings:

1. Language
2. Interrupt
3. Community

Maths – Flashback Friday

Friday, 28th May, 2021

LO: To review percentages of numbers

Here is a number written in Roman numerals.

CXV

Write the number in figures.

Rapid Retrieval

$160 \div 10$	$160 \div 1$
$160 \div 5$	$160 \div 3$
<p>Misconception:</p> <p>Alex thinks that since $180 \div 10$ is 18, then $180 \div 5$ must be 9 because 10 is half of 5.</p> <p>Is Alex correct?</p>	

<https://www.bbc.co.uk/bitesize/topics/znjqtf/articles/zcfyw6f>

Practise

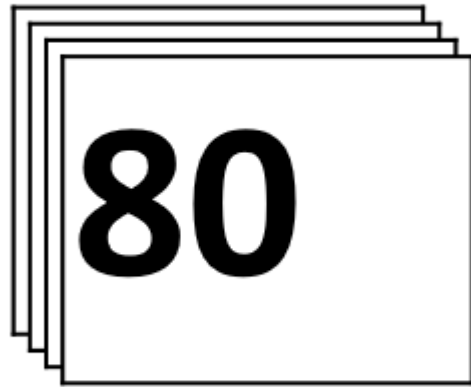
Find:

10%

1%

20%

5%



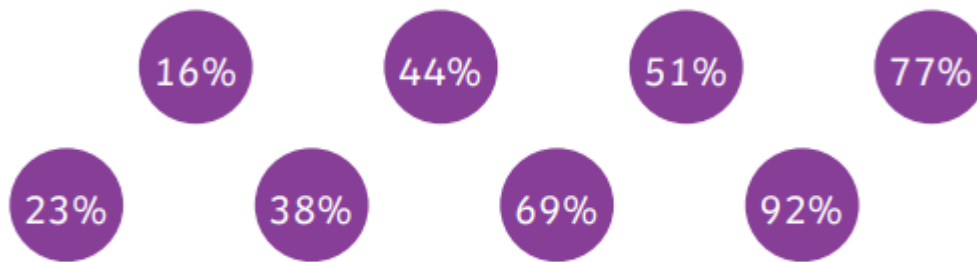
Find 25% of the following amounts:

7. 25% of 8 = ____
8. 25% of 12 = ____
9. 25% of 20 = ____
10. 25% of 24 = ____
11. 25% of 28 = ____
12. 25% of 40 = ____

Main Activity

1. 50% of 300 = ____
2. 5% of 20 = ____
3. 2% of 150 = ____
4. 80% of 40 = ____
5. 75% of 132 = ____
6. 45% of 800 = ____
7. 23% of 250 = ____
8. 30% of 620 = ____
9. 25% of 52 = ____
10. 15% of 320 = ____

Explain which combinations of percentages you would use to find these:



Share and compare your ideas with a partner or in a group.
Do you prefer using any of the other ideas in the group?

A shop sells two different 1 litre bottles of lemonade. The full price of one is £1.25, but there is a discount of 20%. The full price of the other £1.80 but is being sold at 55% of its full price. Which bottle is cheaper?

