

# **Home Learning Pack**

Year 4
Week Beginning 30.11.20



## **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

## **Phonics English Hubs**

Online phonics lessons for the Letters and Sounds phonics programme.

https://www.wandleenglishhub.org.uk/lettersandsounds

## **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=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDExMzA2Mjp1cw%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/

## **Beanstalk**

Beanstalk website is packed with lots of interactive materials for children aged 1 to 6. They are offering free access to all families during the COVID-19 pandemic.

https://beanstalk.co/

## **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 <a href="https://kids.classroomsecrets.co.uk/">https://kids.classroomsecrets.co.uk/</a>

## **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 Eggs**

https://readingeggs.co.uk/



# **Next Week at Hill West**

Key Question: Why is there a Rang-Tan in my bedroom?

Key Text for Linked Learning: There's a Rang Tan in my Bedroom – Greenpeace Advert

Linked Learning: English, Science, R.E and PDW

This week, children will be exploring the destruction of the rainforest and the habitat of orang-utans. They will watch the controversial Greenpeace advert about Rang-Tan. Children will discover the story of Rang-Tan, a young Indonesian orang-utan that has been forced out of her home by humans. Then, they will explore the structure and features of a persuasive letter and how to present information to convince the reader of their opinion. Linking to their learning in English, in D.T., children will learn about the origins of some food and its impact on the environment. Furthermore, in R.E., children will learn about self-discipline and in PDW, children will talk about the importance of money and its role in their future life.

**Maths:** This week, children will consolidate their learning so far this term with special focus on applying their skills in all four operations to problem solving tasks, preparing them to complete their termly assessment.

**Science:** Children will continue their work on habitats by recognising that environments can change and that this can sometimes pose dangers to living things. They will conduct an experiment to investigate how the greenhouse effect works and use the results to discuss how people are causing climate change.

**History:** To start their learning about the Tudors, children will learn and retell the story of the Battle of Bosworth by understanding the key events and figures leading to Tudor reign in England.

**Geography:** Children will locate counties of the U.K on a map.

**Computing:** Children will learn how to create an online survey.

**Art & Design Technology:** Children will explore using natural materials and different joining techniques to create a sustainably sourced Christmas decoration.

PDW: See above

**R.E:** See above

**P.E:** Children will practise passing in hockey and introduce team tactics to a mini game.

MFL: Children will recap basic greetings from Year 3.

# Reading

# Read the poem

There's a Rang-tan in my bedroom and I don't know what to do.

She plays with all my teddies and keeps borrowing my shoe.

She destroys all of my houseplants and she keeps on shouting "ooo!"

She throws away my chocolate and she howls at my shampoo.

There's a Rang-tan in my bedroom and I don't want her to stay.

So I told the naughty Rang-tan that she had to go away.

Oh Rang-tan in my bedroom, just before you go...

Why were you in my bedroom? I really want to know.

There's a human in my forest and I don't know what to do.

He destroyed all of our trees for your food and your shampoo.

There's a human in my forest and I don't know what to do.

He took away my mother and I'm scared he'll take me too.

There are humans in my forest and I don't know what to do.

They're burning it for palm oil so I thought I'd stay with you.

Oh Rang-tan in my bedroom now I do know what to do.

I'll fight to save your home and I'll stop you feeling blue.

I'll share your story far and wide so others can fight too.

Oh Rang-tan in my bedroom I swear it on the stars

The future's not yet written but I'll make sure it is ours.

# Answer the questions

**Skill:** To justify opinions and elaborate by referring to the text

# There's a Rang-Tan in my bedroom

- When in the girls bedroom, what do you think the Orangutan was trying to communicate to the girl?
- How do you think the Orangutan feels about his natural habitat?
- How has the girl's opinion of the Orangutan changed throughout the poem?



# Now find out...

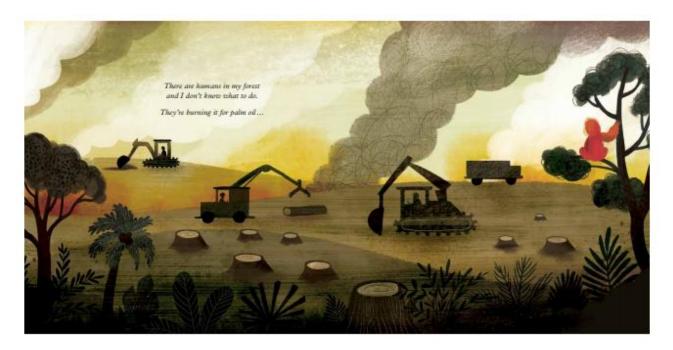
**Skill:** To explore themes within and across texts.

# There's a Rang-Tan in my bedroom

- ·What palm oil is.
- ·How palm oil is used.
- The positives and negatives of farming palm oil, including deforestation which is referred to in the poem.
- Who Greenpeace is and what the focus of the charity is.



# Answer the questions



- 1. What is happening on these pages? How would you describe the scene? Is it positive or negative?
- 2. How is this image different from the image of the rainforest that you have just been looking at?
- 3. Why are humans causing this destruction to the orangutan's home?
- 4. How would you describe the orangutan in the illustration?
- 5. What can you infer about why Rang-tan is in the little girl's bedroom and not in her usual habitat?

# Answer the questions



- 1. What are some of the ways in which we can work to save orangutans, according to the illustrations here?
- 2. What sorts of people can you write letters to in order to help protect the rainforests?
- 3. How can you raise awareness of the plight of orangutans? Why is it important to do this?

# Writing

# Watch the video

Greenpeace - There's a Rang-Tan in my bedroom

https://www.youtube.com/watch?v=TQQXstNh45g

- 1. Make a list of emotions you feel when you watch the video
- 2. Make a list of the words, phrases and images that make you feel that way.
- 3. Can you mindmap any more words and phrases that might make people feel sorry for the Rang-Tan?

# Writing Task

Imagine you walk into your bedroom today and there is an orang-utan in there!

- What would the scene look like?
- How could you describe the orang-utan?
- What would the orang-utan be doing?
- How might you react?

Write one or two paragraphs to describe this scene - remember to use descriptive language, including similes and synonyms for adjectives!



# Planning Task

We are going to write a letter next week to a chocolate company, asking them to source palm oil sustainably to help save the orang-utans.

- First, research the use of palm oil. How does it affect animals? Can you find any useful facts to put in your letter?
- Find a solution to suggest to the chocolate company.

# How many examples of persuasive language can you find in this extract of a letter?

Dear Prime Minister.

I am sure that you receive many letters. This letter is one which must not be ignored. This letter is of the utmost importance. This letter comes to you with a plea that you will promise to help save an innocent, endangered animal: the orangutan.

I don't know if you are aware, but orangutans are only found in the rainforests of Asia. They live in Malaysia, Indonesia, Borneo and Sumatra. These great apes rely upon the rainforest to provide them with food and shelter. In fact, did you know that their name literally means 'person of the forest'. Orangutans often live alone for up to 40 years, if they are not captured, and are around the same height as a Year 6 child. These majestic creatures are intelligent and beautiful. However, they are in danger of becoming extinct unless we work together do something about it.

# Thinking about your writing

Decide on the following questions for your letter:

- · Will your letter be formal or informal? Why?
- · What language choices will you make? What vocabulary will you use?
- · What sort of tone will your letter have?
- · How will you open your letter?
- · How will you close your letter?
- · How many paragraphs will it have?
- · What are your main points?
- · What will you say in each paragraph?

# Grammar

But some words can be nouns OR verbs!

• We need to read the sentence carefully to work that out...

Please <u>light</u> the fire. Grandma switched on the <u>light.</u>

At the end of the film I let out a huge sigh.

We <u>sigh</u> when we are sad or frustrated.

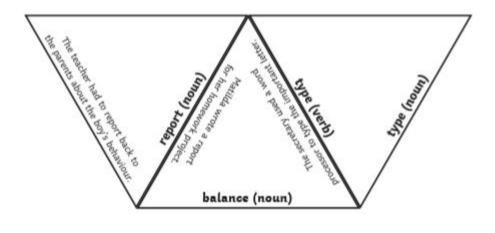
# Task 1

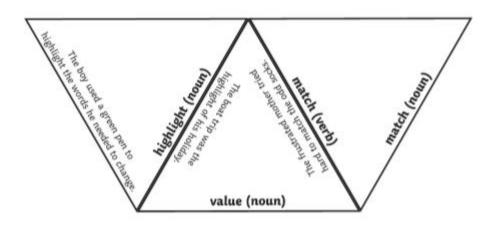
Can you think of some sentence pairs using...

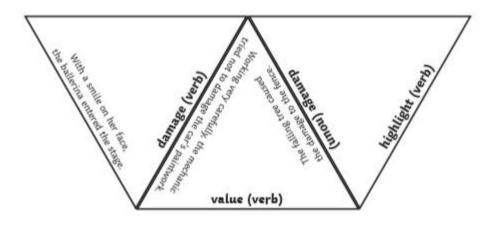
- Ache
- Batter
- Answer
- Drive
- Any other words that can also be nouns and verbs?

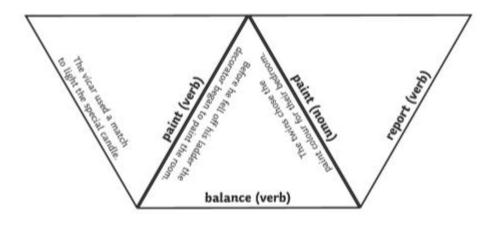
# Task 2

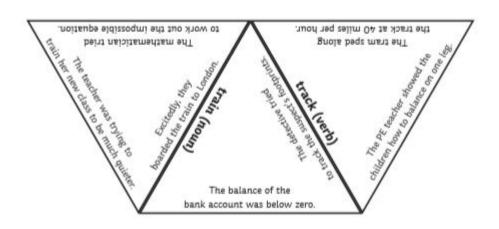
Cut out all of the triangular tarsia puzzle pieces. Place them together so that the noun or verb is next to the word being using in an example sentence. If you manage to piece them together correctly, you should create a giant hexagon.

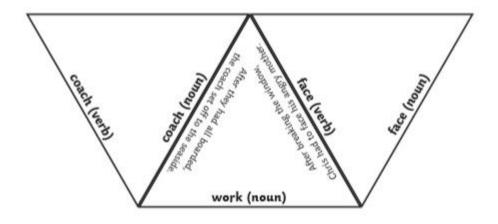


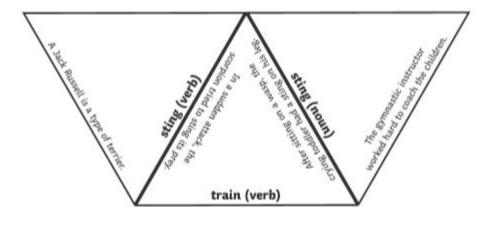


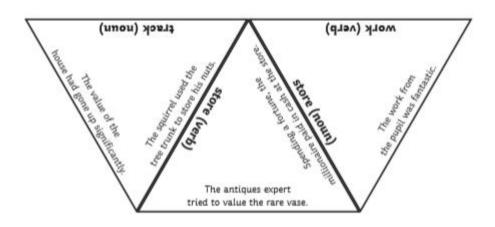












# Maths

I can count in 6s. Fill in the blanks

48 30

I can find the products of the 6 times table. Circle the products.

 $\infty$ 

I can complete missing number calculations.

6 × \_\_\_ = 0 6 × \_\_\_ = 6 6 × \_\_\_ = 72

6 × \_\_\_ = 6 6 × \_\_\_ = 6

6 × \_\_\_ = 0 6 × \_\_\_ = 30

6 × \_\_\_ = 6 6 × \_\_ = 60

6 × = 60 6 × = 12

6 × = 42 6 × = 36

 I can complete 6 times table calculations.

0 × 6 = \_\_\_\_\_

2 × 6 =

3 × 6 =

4 × 6 =

5 × 6 =

6 × 6 =

7 × 6 =

8 × 6 =

9 × 6 =

10 × 6 =

11 × 6 =

12 × 6 = \_\_\_\_

I can count forward in 6s starting at any point.

6, 12, , 24,

18, \_\_\_\_ , 30, \_\_\_\_ , 42

\_\_\_\_ , 42, \_\_\_\_ , 54, 60

30, 36, \_\_\_\_ , \_\_\_\_ , 54

\_\_\_, \_\_\_, 36, \_\_\_, 48

\_\_\_\_ , 48, \_\_\_\_ , \_\_\_\_ , 66

\_\_\_\_ , 54, 60, \_\_\_\_ , \_\_\_\_

I can count backwards in 6s starting at any point.

60, 54, \_\_\_\_ , 42, \_\_\_\_

24, \_\_\_\_ , 12, \_\_\_\_ , 0

\_\_\_\_, 24, \_\_\_\_, 12, 6

54, 48, \_\_\_\_, \_\_\_, 30

\_\_\_\_, \_\_\_\_, 42, \_\_\_\_, \_\_\_

\_\_\_\_ , 60, \_\_\_\_ , 48,\_\_\_\_

\_\_\_ , 66, \_\_\_ , 54,\_\_\_

1. Continue these sequences.

a)

b)

**2.** Circle the fractions equivalent to  $\frac{1}{4}$ .

$$\frac{2}{8}$$
  $\frac{4}{10}$   $\frac{3}{12}$   $\frac{1}{6}$ 

3.

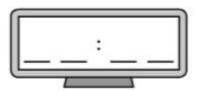
4. Marcus needs to measure 225ml of milk for a recipe.

Draw a line on the jug to show 225ml.



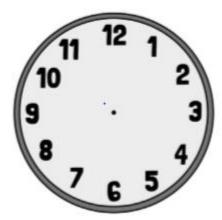
a) Here is an analogue clock. Write the time on the digital clock.





b) Here is a digital clock. Draw the time on the analogue clock face.





6. A class of children collected information about which flavoured crisps children preferred. They collected the information in a table and presented it in a pictogram.
Complete the table and pictogram on the next page.

Flavour of Crisps	Number of Children		
Ready Salted			
Salt n Vinegar			
Cheese and Onion	6		
BBQ	•		



Ready Salted	
Salt n Vinegar	
Cheese and Onion	
BBQ	

7.	Order	the	following	numbers	from	smallest	to	largest
			The state of the s					

1608, 816, 1086, 681

mallest	lar

- 8. For each of these questions, circle the calculation that will give the correct answer.
- a) In four packets of felt pens there are 72 pens. There are six different colours equally shared among each pack. How many pens are there of each colour?

$$72 \div 6$$

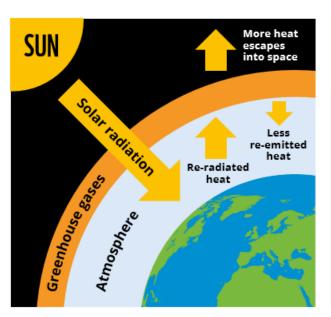
$$72 \div 4$$

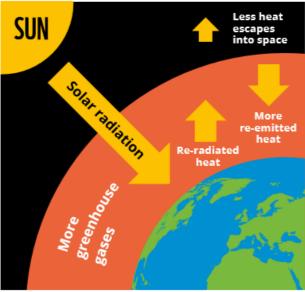
b) An order is placed for nine packets of pencil sharpeners. Each packet costs 58p and contains 15 sharpeners. How many sharpeners are ordered?

# Science

- Find out about climate change what causes it and what are the consequences?
- Look at this diagram that shows how global warming is increased by greenhouse gases:

# **CLIMATE CHANGE**





NATURAL Greenhouse effect

INCREASED GLOBAL WARMING CAUSED BY HUMAN ACTIVITY

 Watch the video of the experiment we will be doing at school. Pause when the experiment is set up and make a prediction - which jar will become hotter and why?

# https://www.youtube.com/watch?v=ztfgK6Xnoeg

 Make a poster to show what you have found out about climate change.

# History

# Where are the Tudors in History?

 Search for the start of the Tudor period on the BBC interactive timeline. What historical periods is it before and after?

# The Wars of the Roses

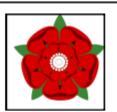


In 1485 there was a huge battle between two armies in a field at Bosworth, near Leicester. On its flags one army showed the White Boar and White Rose of the York family, which was the symbol of King Richard III. The other army's flags showed the symbols of the Red Dragon and the Red Rose of the Lancaster family. At the head of this family was Henry Tudor.

- Watch the Horrible Histories clip all about the Wars of the Roses: <a href="https://www.youtube.com/watch?v=rZo\_Gn-GqZs">https://www.youtube.com/watch?v=rZo\_Gn-GqZs</a>
- Find out how the Battle of Bosworth ended the Wars of the Roses and who became King.
- Look for a picture of the Tudor Rose.

# Henry VI

Henry ruled England from 1422 to 1461, and again from 1470 to



1471. He had a good claim to the throne, as his father and grandfather had been popular and successful Kings. However, he was a bad warrior who lost the Hundred Years War against France, and allowed England to fall into lawlessness and criminality. He was easily manipulated by his French wife, Margaret of Anjou, and suffered from periods of madness during which he would not even be able to eat!

## Edward IV

Edward IV took the throne from Henry VI in 1461, and ruled until



1483 (aside from a brief period 1470-71). He was a giant for the time, at 6 foot 2 inches, and an inspiring military leader. His family believed that Henry VI was not fit to be king, and that Edward (who was descended from Edward III) could do a better job. Edward won great victories in the Battles of Towton and Tewkesbury, and never lost a battle on English soil. He was a wise and capable king, but sometimes a bit lazy.

The House of
Write down three important facts about the
House of
1
2
3

# Reading Comprehension - Monday

# Layers of the Rainforest

- 8 Tropical rainforests are made up of distinct layers.
- The forest floor is very hot and humid and little grows
  - there. This part of the rainforest gets less than 2% of the
- sun's light. It is covered in a thin layer of fallen leaves
- which rot away quickly.
- Next are the shrub layer and the understory a dark 24
- place, where lots of insects, frogs and snakes can be found
  - amongst the few plants which don't need much sunlight.
- Above this is the canopy, where most trees stop growing
- and where up to 90% of rainforest creatures can be found.
- This sunny area, rich in fruit and seeds, can be as high as
  - thirty metres off the ground.
- Finally, the few giant trees that thrust themselves above
- the dense canopy layer are called the emergent layer.



# Quick Questions



1. In which layer can most rainforest animals be found?



What do you think dense means in this sentence? 'The few giant trees that thrust themselves above the dense canopy layer...



How is the forest floor different to the canopy? Give two reasons.



4. Why don't animals live on the forest floor?



# Ozma and the Little Wizard

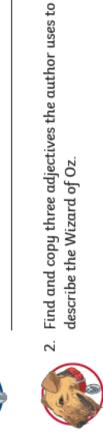
- Once upon a time, in the beautiful Emerald City, lived an adored
- girl called Princess Ozma, who was ruler of all that country, and a
- little, withered old man known as the Wizard of Oz.
- This little Wizard could do many strange and magical things,
- but he was a kind man, with merry, twinkling eyes and a sweet
- smile so, instead of fearing him because of his magic, everybody
- loved him
- Ozma wished that all the people who inhabited the pleasant Land
- of Oz should be happy and contented so one morning she decided to
- make a journey to all parts of the country to check. She asked the
- little Wizard to accompany her and he was glad to go.
- "Shall I take my bag of magic tools with me?" he asked. 132
- "Of course," said Ozma. "We may need a lot of 142
- magic before we return."



# **Quick Questions**



1. What did the Wizard of Oz want to take on the journey with him?



describe the Wizard of Oz.

3. Why might Ozma and the Wizard need to use



magic before they return?

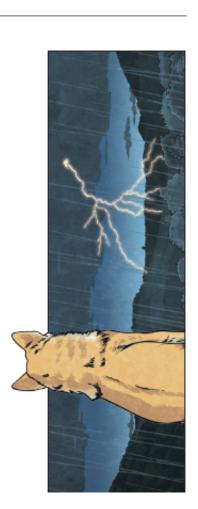
Write one way that Ozma and the Wizard are similar and one way that they are different.

Similar

Different:

# A Storm is Brewing...

- Dale was in the garden playing fetch with Patch, a tiny
  - brown and white puppy they had brought home only
- three days before. Quite unexpectedly, Dale heard a loud
- rumble and saw, from the corner of his eye, flashes of light in the sky. "What is happening?" muttered Dale.
  - Suddenly, Dale heard Mum shouting from the kitchen.
- "Get inside quickly, Dale!" she yelled with urgency in
- her voice. This worried Dale, so he swiftly ran towards the house. Unsure what to make of the situation, Patch
- sauntered after him, stopping occasionally to shake the
- rain from his fur.
- "Mum, why is the sky making strange noises and what
  - are all of those lights?" asked Dale.
- "It is thunder and lightning, Dale," explained Mum.



# **Quick Questions**



1. Find and copy an adverb from the text which means the same as 'quickly'.



2. How long had Dale had Patch?



What do you think Dale and Patch did next?



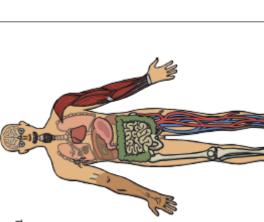
How does the author show the reader that Patch is not really bothered about the thunderstorm?



# Reading Comprehension - Thursday

# Amazing Facts about the Human Body

- 8 Your heart beats around one hundred thousand times
- per day. This means that in one year it has pumped
- around three million litres of blood around your body.
- 35 · Your nose can tell the difference between
- one trillion different smells.
- The acid inside your stomach that helps you to digest 64
  - food can actually dissolve metal. 54
- · The smallest bone in the human 09
- body can be found inside the 99
- ear. It is called the stapes (or stirrup) bone and it is only
- around three millimetres long. 73 79 83
- Your nose and ears continue 80
- growing throughout 90
  - your entire life.
- As well as having unique
- finger prints, all humans also 103
- have unique tongue prints! 107



# Quick Questions



1. What do you think the word 'unique' means?



2. What are the two names for the smallest bone in the human body?



Give one reason why the author may have chosen to use bullet points to present this information



4. Why do you think the author chose these particular facts?



# Reading Comprehension - Friday

# **Howard Carter's Diary** An Extract from

# 4th November 1922

- After the discovery of the first step, we exposed fifteen more
- steps leading down to an ancient doorway, still sealed
- after all these years. The name on the door was clear: Tutankhamen. They say this tomb is cursed; they say that
- the ancient pharaoh threatened anyone who disturbed his
- peace in the afterlife but that will not stop me. For five years we have been digging through the inhospitable desert and I
- am finally about to make the most important
- discovery of my life. At last, I
  - will be the one to unearth the final resting place of Egypt's
    - youngest pharaoh. It
- will be filled with
- treasures beyond anyone's wildest
- dreams.



# **Quick Questions**



1. In what year was this text written?



evidence from the text to support your answer. 2. Do you think Howard Carter was scared? Use



Sum up the main points of this extract in 20 words or less



4. What do you think happened next?



# Computing

# Create a survey form with Microsoft Forms

With Microsoft Forms, you can build survey forms and easily share them with students, parents, and colleagues. To get started with building a survey we are going to follow these steps.

# Watch the video:

https://www.youtube.com/watch?v=ouFKWHQMxtQ

Follow the steps on this website to create a Forms survey:

https://help.utk.edu/kb/index.php?func=show&e=2662

Use these questions about people's technology use to make your survey:

- 1. Do you own the following? Answers: Yes, No.
  - Television
  - Computer
  - Tablet
  - Phone
  - Gaming console
- 2. Where do you use the internet or any of the above devices? Answers: Yes, No
- Your bedroom
- Living room
- At school
- In an internet cafe
- In a library
- At a friend's home
- At a relative's home
- Everywhere
- I don't use the internet at all

- 3. How often do you use the internet?
- Everyday
- Once or twice a day
- Only a couple of times in a week
- Very less in a month
- I don't use the internet at all
- 4. What do you use the internet for?
- To talk to friends
- To read articles
- To do school work
- To watch videos
- Other (specify)
- 5. How much time do you use the internet for in a day?
- Just a few minutes
- Half an hour
- 1 − 2 hours
- 3 4 hours
- 5 6 hours
- More than 6 hours
- I don't use at all

# Geography

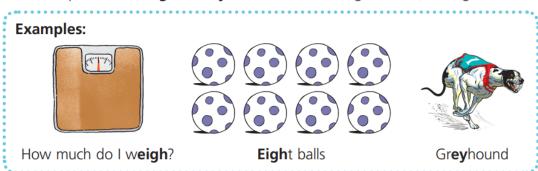
Watch this film about Birmingham and make an info booklet with info you have researched or learned.

https://www.youtube.com/watch?v=mD8qmA4CRXY

	Neighbouring counties:
My County in England	
Important landmarks:	Rivers:
Famous people who nave tivea nere:	Other towns/villages nearby:

# Spelling

The letter patterns **ei**, **eigh** and **ey** often make the long **a** sound, as in **ga**me.



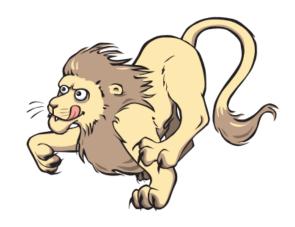
There is no rule for these spelling patterns. They just have to be learned.

1 Write down the words in which **ei**, **eigh** or **ey** make the long **a** sound.

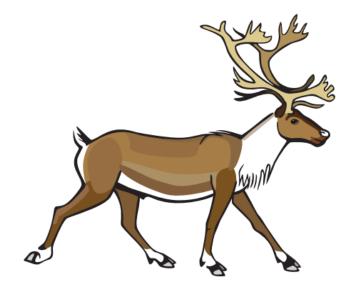
Be careful – some words are included to trick you!

vein	play	state	weigh
day	obey	eight	height
foray	freight	hey	prey
clay	delay	veil	snail
survey	their	rate	they
sleigh	grey	rain	reign
neighbour	convey	reindeer	holiday

- 2 Identify and write down two words containing the long **a** sound in each of these sentences.
  - a) The great beast stalked his prey.
  - **b)** The veil covered the bride's face.
  - **c)** They eat their cake at lunchtime.
  - d) You must always obey the rules.
  - e) Eight girls liked the place.
  - **f)** Some say 'age before beauty'.
  - g) The survey was finished late.
  - h) The neighbour had grey hair.



- 3 Write sentences containing each of these words.
  - a) weigh
  - b) vein
  - **c)** they
  - d) neighbour
  - e) reindeer
  - f) freight
  - g) sleigh
  - h) obey



# Long /a/ sound - eigh and ei words

Y V X X I M N E I G H L O N S F TAGENE IGHBOUR ΕI GHOLL G TVVZWR РУІ BLYLF REIGHTF X Y V H O S E Q V A Q W T N H U BUETEWEI NAWK GHH C KEREI GHTGONZN CWR Y V R E Ι GNDHXPOG EKOJPDEF ХУ DCGI DYAHXQHDNXTL FCABXUEJTDQIVXH UQNYL y v z z Т Ι Ζ JGOYTYVMZOF Е T EEWIN ZYHX DMORВТ B P X Ι JNF ZZQXEOYVH UI DLMKE MXTNYJSNVJYPHMNYA

survey obey prey grey they reign freight eighty eight weigh vein sleigh neigh neighbour

# RE

Read each story and write down what you would do in each situation.



# Story One

You are in the playground and there are a group of children playing a game next to you. One of them falls over and hurts their knee.



# **Story Two**

Your friend is crying at playtime. They tell you it's because they didn't do well in their spelling test. They hadn't had time to practise this week so they didn't achieve any marks in the test.



# Story Three

You feel really sad at school because your pet has died. You didn't really want to go to school because you feel so upset.



# Story Four

Some year 6 pupils are playing football. The ball is accidentally kicked over the gate. They tell you to go and get their ball back but you know that you are not allowed to go out of the gate.

# PDW



Write a list of factors that influence job choices
What factors might people consider when picking a job?
How do people decide what job they want to do?
Challenge: arrange your ideas in lists in order of what you think would be the most important to the least important.