TUESDAY 5TH MAY

BEECH CLASS

GOOD MORNING EVERYONE. TODAY'S SUBJECTS ARE AS FOLLOWS...

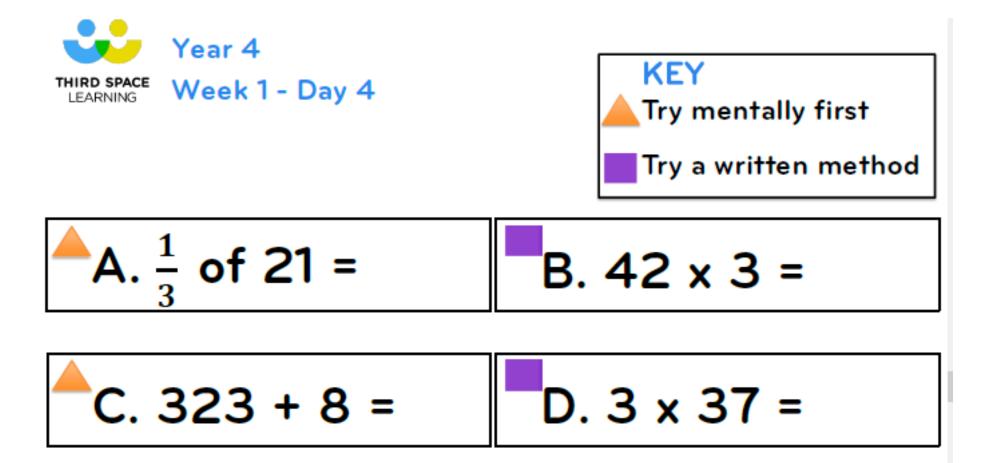
- 1. Maths
- 2. English
- 3. Comprehension
- 4. Spelling
- 5. Geography / History (topic)

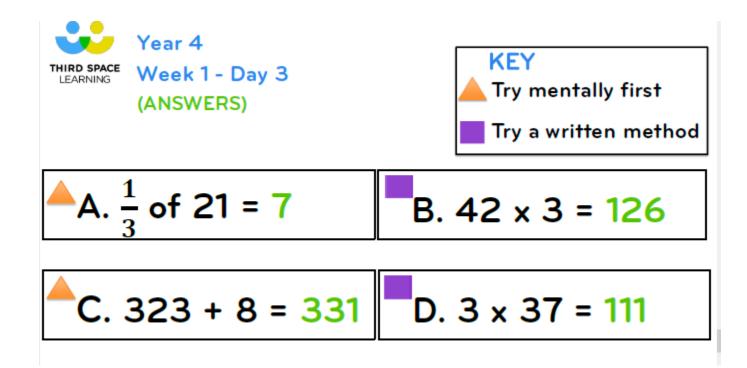
Have a look through the work you've done since starting home-learning. You should be pleased with what you've achieved - which is your favourite piece of work and why? ©



MATHS - YEAR 4 LO: CALCULATE MISSING NUMBERS (SUBTRACTION)

Mental maths starter: On the next slide – pay attention to the 'hints' on the best methods to solve the question. Answers on the following slide.





MATHS LO: CALCULATE MISSING NUMBERS (SUBTRACTION)

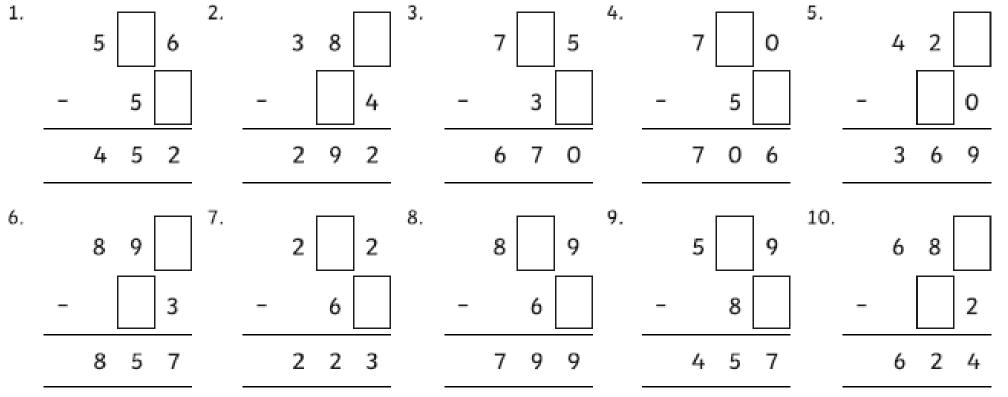
Today you will be using your reasoning skills to work out missing digits.

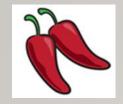
Watch this video for more explanation: https://www.youtube.com/watch?v=wrAtnM7RTEk

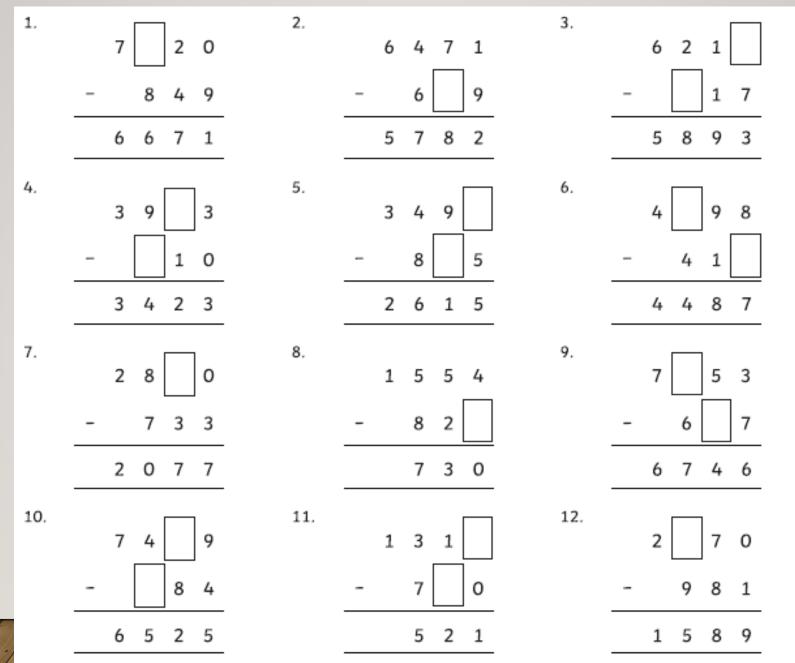
SC:

Start with the right hand column as if solving a column subtraction normally. Use subtraction facts to work out pairs of numbers that result in the number in the answer (or the last digit if a 2-digit answer). Remember to subtract one when borrowing / exchanging to another column. Use the inverse to check your answer. Use inverse: add answer digit to the Use inverse as you would when Use the inverse of the to the to

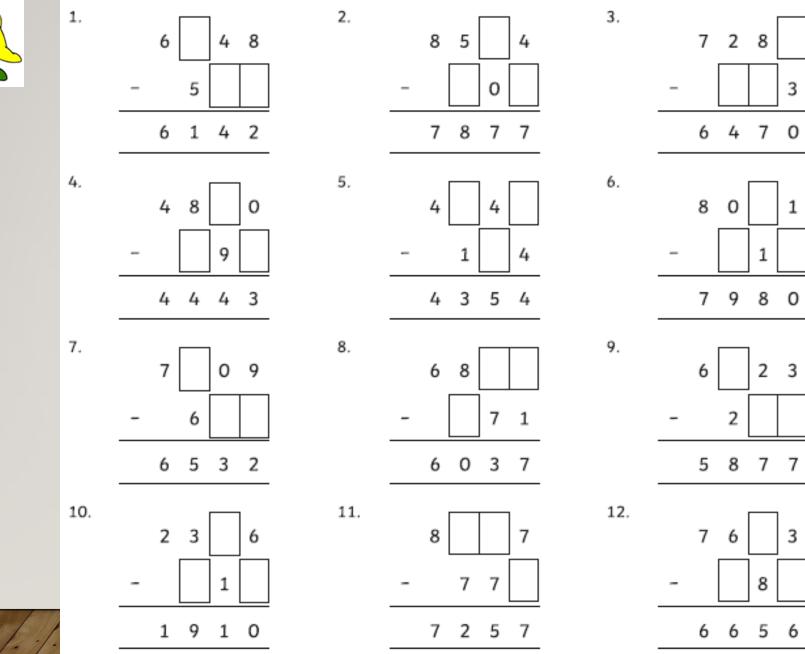














Question	Answer
1	0, 4
2	6, 9
3	0, 5
4	6, 4
5	9, 6
6	0, 3
7	9, 9
8	5, 0
9	3, 2
10	6, 6

	Question	Answer	
	1	5	
	2	8	
	3	0, 3	
	4	3, 5	
	5	0, 7	
	6	8, 1	
	7	1	
	8	4	
	9	3, 0	
	10	0, 8	
	11	1, 9	
1: .	12	5	

	Question	Answer
5	1	6, 0, 6
	2	8, 7, 7
	3	3, 8, 1
	4	4, 3, 7
	5	5, 8, 9
	6	9, 1, 1
	7	2, 7, 7
	8	0, 8, 7
	9	1, 4, 6
	10	2, 4, 6
	11	0, 2, 0
-	12	4, 9, 7

ENGLISH LO: PLAN AN INFORMAL LETTER

REASON: To write to your mum (as Emily) telling her about how you feel being left at the big house with Rosie and Judd.

There are fewer rules to follow when writing an informal letter compared to a formal letter.

As with any piece of writing, it is important to consider who the audience is (your mum) and the reason for writing in the first place. (to tell her what you've been doing in the house and how you feel) This will help decide the tone and the language used.

Though the letter will be informal, it will still have a purpose. Information should still be organized into paragraphs, just as you would with a formal letter, which is why careful planning of your letter before you write is important. Here are some ideas you may find useful to think about when planning your letter. These could be useful paragraphs...

You will be working in the kitchens/downstairs: preparing food, cleaning, baking, cooking, washing up, washing clothes, running errands etc How have you coped? What have you learnt? Have you liked any of it?

You will be warm and well fed – your bed may be in the 'hearth' (the kitchen fireplace) - but you may be hoping to share a room with other servants, such as the scullery and upstairs maids. What's your favourite food? How do you feel sleeping in the kitchen? What are the other

girls like? Have you made any friends? Are you feeling settled yet?

Judd is scary, but Rosie has been kind / patient. How would you describe Judd? In what ways has Rosie been kind? How has she tried to look after you?

Lizzie has been really upset (she's only young) and crying a lot. She doesn't want to leave you but will be going to Sunbury House in a few days time.

How are you feeling about being left again – first by mum then Lizzie? How did you feel when mum walked away? Do you want her to come back and get you / when? How might you reassure mum that you'll be ok until she comes back? Will you want her to worry or will you want her to know the truth?

To write an informal letter

Paragraph 1: Make the reason clear why you are writing.

Paragraph 2: Write in a chatty manner (i.e. use contractions, and you can use informal phrases and expressions, i.e. was feeling under the weather)

Paragraph 3: Summarise your main points for writing the letter

Signing off: You could choose from phrases such as - Best Wishes, Bye for now, All the best, Love from,

Write date below:

Write address here.

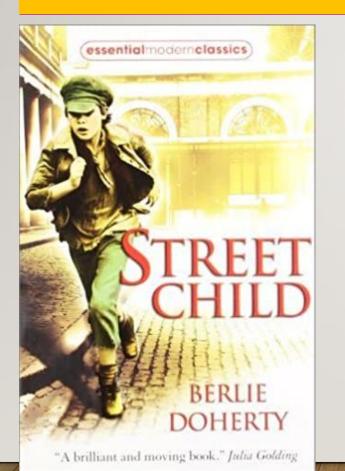
Dear

Paragraphs .- as many as needed including conclusion (separated by Indents or missed lines)

Remember how a letter is organised. Use this layout to help you plan your letter, ready to write tomorrow. Write as many ideas down as you can (you can make some up if you wish). The more notes you have today, the better choices you'll have to write your letter tomorrow.

Sign off here

READING COMPREHENSION LO: N/A



Read Chapter 4, The Workhouse.

Pages 37- 44

Tuesday: spellings to learn for this week

YEAR 4

- Science
- Crescent
- Discipline
- Fascinate
- Scent
- Scissors
- Ascent
- Descent
- Scientist
- Scenery

YEAR 5

- Affect
- effect,
- altar
- alter,
- bridle
- bridal,
- cereal
- serial
- desert
- dessert,

If you usually start with 5 'key' spellings – choose your 5 (perhaps with a little help from an adult) and focus on these as you would normally – then add more if you can as the week goes on. Remember to do what you would normally to learn your new words throughout the week at home. These words are important to know for next year!

• Strategies you could use:

Keep Copying	Make the Headlines	Build a Pyramid
Write your words out three times each. Use different colours if you want to.	Cut letters out of newspapers or magazines and stick them onto paper to make the words in your list.	Make a pyramid using the letters in your words.
spelling		w
	my	wo
spelling spelling	Spelling	wor
spenny		word
	W ords	words

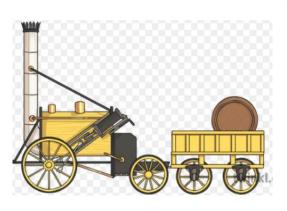
Create with Colour	Capital Idea	Learn Your ABC		
Write your words with each letter in a different colour, or write them with all the vowels in blue and all the consonants in red.	Write your words three times, each in capital letters.	Write your words in alphabetical order, then rewrite them in order of the second letter, third letter and so on.		
		my		
	SPELLING	words		
spelling		spelling		
	SPELLING	spelling		
spelling	SPELLING	words my		
	SPELLING			
Take a Test	Picture This	Build a Sentence		
Ask someone at home to test you by reading each word as you write it down. To make it more of a challenge, set a time limit, for example 20 seconds per word.	Include each of your words in a funny picture that makes you think of the word.	Write each of your words in a sentence. See if you can build your sentences into a story.		
1. my		One day a huge		
2. spelling		spelling monster		
3. words	words	came to my town and ate all the words!		

LO: Investigate key inventions and their impact :

- <u>https://www.youtube.com/watch?v=3cp4cuXy43s</u> gives an introduction to the industrial revolution.
- Use secondary sources (books / internet), collect information about the given invention for your year groups – these sources to include WWW, information books (if you have them), encyclopaedias etc.

Given the current situation, use what you can / find what you can, (including asking adults or emailing/facetiming people) – or simply use the information attached. Do your best :-) Choose one of the key inventions below from the era of Industrial Revolution (alternatively if you have access to information about a different Victorian invention, write about that instead!)

- 1) Bell's telephone
- 2) Stephenson's Rocket
- 3) Edison's lightbulb





Your task will be to <u>write a 'Wikipedia' page</u> about your invention. Have a look at / evaluate a Wikipedia page on the next slide – note the features you will need to include on your own page.

The sample was taken from the following link – if you'd like to look at the original version: https://en.wikipedia.org/wiki/Queen_Victoria

WikipediA	Queen Victoria				★ 🖻 🖤			
The Free Encyclopedia	From Wikipedia, the free encyclopedia							
Main page Contents Featured content	For other uses, see Queen Victoria (c Victoria Regina" redirects here. For t	sambiguation) and Victoria of the United Kingdom (disambiguation). le play, see Victoria Regina (play).	•			— Information	n or	ganised
Current events		19 – 22 January 1901) was Queen of the United Kingdom of Great Brit		he template Infobox royalty is being considere	ered for merging. >			-
Random article Donate to Wikipedia		. On 1 May 1876, she adopted the additional title of Empress of India. I even months was longer than that of any of her predecessors. It was a		Victoria		, into paragra	anh	C
Wikipedia store	· · · ·	military change within the United Kingdom, and was marked by a grea					apri	13
Interaction	the British Empire.							
Help	-	rd, Duke of Kent and Strathearn (the fourth son of King George III), and						
About Wikipedia Community portal	l l	th the Duke and his father died in 1820, she was raised under close su roy. She inherited the throne aged 18 after her father's three elder brot		be li	4			
Recent changes		ited Kingdom was an established constitutional monarchy in which the						
Contact page		ely, she attempted to influence government policy and ministerial appo	intments;		and the second	/ Key dates o	r ti	melines
Tools What links here		was identified with strict standards of personal morality.	d poblo	a water as	11. C		1 UI	memes
Related changes		of Saxe-Coburg and Gotha in 1840. Their children married into royal an oria the sobriquet "the grandmother of Europe" and spreading haemop		12 12 1			1	
Upload file Special pages	European royalty. After Albert's death in 1	861, Victoria plunged into deep mourning and avoided public appearan	ices. As a	Alter A	1			
Permanent link		e United Kingdom temporarily gained strength, but in the latter half of						
Page information Wikidata item		mond Jubilees were times of public celebration. She died on the Isle o se of Hanover, she was succeeded by her son Edward VII of the Hous		Photograph by Alexander Bass	sano, 1882			
Cite this page	Coburg and Gotha.			Queen of the United Kingdon				
In other projects	Contents [hide]		R	Reign 20 June 1837 – 22 January 1901		/		
Maline de Orafin			13.2 Publish	ed primary sources	/	1		and Gotha
			14 Further readin	ng				Helena, Princess Christian of Schleswig-Holstein
/			15 External links					Princess Louise, Duchess of
								Argyll Prince Arthur, Duke of
		*	Birth and fa	mily				Connaught and Strathearn
Title				Victor	oria's father was	s Prince Edward, Duke of Kent and Strathearn, the fourth son of the		Prince Leopold, Duke of Albany
			5 1000	the second second	· ·	United Kingdom, George III. Until 1817, Edward's niece, Princess		Beatrice, Princess Henry of
				A MARKEN AND A MARKEN		was the only legitimate grandchild of George III. Her death in 1817 ession crisis that brought pressure on the Duke of Kent and his	Full name	Battenberg
Sub	headings			and the second second second	·	to marry and have children. In 1818 he married Princess Victoria of	Alexandrina	Victoria
3481				Saxe	e-Coburg-Saalfe	eld, a widowed German princess with two children-Carl (1804-	House	Hanover
				A CONTRACTOR OF THE OWNER		(1807–1872)—by her first marriage to the Prince of Leiningen. Her	Father	Prince Edward, Duke of Kent and Strathearn
Ima	ges / labo					s Princess Charlotte's widower. The Duke and Duchess of Kent's was born at 4.15 a.m. on 24 May 1819 at Kensington Palace in	Mother	and Strathearn Princess Victoria of Saxe-
	KES / IGDO		Alter of Carl	A REAL PLAN AND AND A REAL PLAN AND A REAL PLA	don. ^[1]	was born at 4, 15 a.m. 01/24 May 1015 at Kensingtoff Palace III	monier	Coburg-Saalfeld
			1				Religion	Protestant

Portrait of Victoria (aged four) by

Stephen Poyntz Denning, 1823

Victoria was christened privately by the Archbishop of Canterbury, Charles Manners-Sutton, on 24 June 1819 in the Cupola Room at Kensington Palace.^[2] She was baptised Alexandrina after one of her godparents, Emperor Alexander I of Russia, and Victoria, after her mother. Additional names proposed by her parents-Georgina (or

Georgiana), Charlotte, and Augusta—were dropped on the instructions of Kent's eldest brother George, Prince Regent.^[3]

Signature

Scholially

At birth, Victoria was fifth in the line of succession after the four eldest sons of George III: the Prince Regent (later George IV); Frederick. Duke of York: William. Duke of Clarence (later William IV): and Victoria's father. Edward. Duke of Kent.^[4] The Prince Regent had no surviving children, and the

To help – on the next few slides there's some additional information you can use...

The Life of George Stephenson

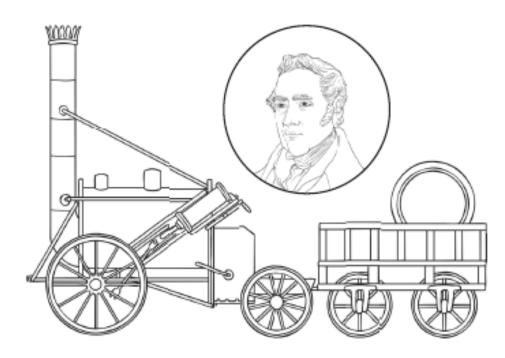
Amazing Fact

On September 15th 1830, William Huskisson became the first person to be killed in a railway accident. He was attending the opening of the Liverpool and Manchester Railway and attempting to shake hands with the Duke of Wellington through a train window, when he failed to notice Stephenson's Rocket coming towards him on the other line.

Challenge

George Stephenson is a very important figure in the history and development of the railways. He developed the 'Rocket', an early locomotive, and built the first passenger railways.

Learn more about his life by carefully reading the fact cards and placing them in chronological order.

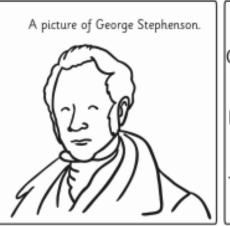


George Stephenson

Date of birth: June 9, 1781

Date of death: August 12, 1848

George Stephenson is significant because he was nicknamed 'The Father of the Railway', as he was an engineer who built steam locomotives for the first ever railways. He lived in the time of the Industrial Revolution, when Britain was changing to a land of big factories instead of farms. The railways he built made Britain the richest in the world.



Interesting Fact

George's son Robert helped build the railways and he became just as famous as his father. Robert was also a Member of Parliament.

Thomas Edison

Born: 11th February, 1847

Died: 18th October, 1931 aged 84

Childhood

Thomas Edison was born in Ohio, America. He was the seventh child of Samuel and Nancy Edison.

As a child, he had hearing problems from the illness scarlet fever. His mother was a teacher, so he did not go to school but was taught at home.

84 Nol

As a teenager, he sold candy and newspapers on trains. Quickly, he became quite a good businessman, and with four assistants started selling newspapers on the streets.

Getting a Job

He got his first job by accident when he saved a 3 year-old boy from being hit by a train. The boy's father was so grateful that he gave Thomas a job as a telegraph operator.

A telegraph operator: a person who operates a telephone switchboard.

At 19 years old, Thomas moved to Kentucky to start a new job. He chose to work at night so that he could carry on with his experiments. Unfortunately, he spilt sulphuric acid on the floor and it dripped through the wooden floor boards onto the desk of his boss below. Thomas Edison lost his job!

Thomas Edison 🗾

First Invention

Thomas Edison's first invention was completed in 1877 – the phonograph. This was a machine that could record and replay sound. The sound was played through a large horn. Suddenly, Thomas Edison became very famous.



The Electric Lightbulb

Thomas wanted to invent a light that did not need oils or gas to be lit. After some tests and changes, Edison created a lightbulb that would stay lit using electricity for $13\frac{1}{2}$ hours!

In 1879, he demonstrated this amazing invention to a group of people in Menlo Park. He then became known as the 'Wizard of Menlo Park'.

An Amazing Man

Thomas Edison was a very careful worker, who went on to become one of the most famous inventors in history. He always thought carefully about all the different things that could go wrong in his projects and how to put them right. He managed to encourage very important people to support his inventions and put money into them, so that he had the time to work on them properly.

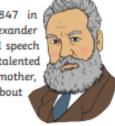
His Legacy

Thomas Edison died in 1931 from problems with diabetes. He was 84 years old. Almost everyone in the world has used at least one of his inventions: the electric lightbulb. We are still using them today, almost 100 years later!

Alexander Graham Bell

Childhood

Alexander Bell was born in March 1847 in Edinburgh, Scotland. Bell's father, Alexander Melville Bell, was a scientist who studied speech sounds. His mother was Eliza Grace Bell, a talented pianist. Bell was homeschooled by his mother, who tried to give him a sense of curiosity about the world around him.



Telephone Experiments

In the early 1870s, Bell was living and teaching in Boston, America. He spent years trying to invent a way to make the human voice move through electrical wires.

In 1874, he began working with Thomas Watson, a skilled electrician. Together, they continued experimenting with ways to transmit speech.

On 10th March 1876, Alexander and Thomas were working in separate rooms. Alexander made the first ever telephone call, saying: "Mr Watson, come here. I want to see you!" After this, Alexander's life would never be the same again!

Success!

Bell began to show his telephone to the public. The Bell Telephone Company was set up in 1877. By 1886, over 150,000 people in the USA owned telephones.

Did You Know...?

Other scientists tried to say that they had the idea for the telephone first! None were able to prove it.

📕 Alexander Graham Bell 📗

Work with Deaf People

Alexander Graham Bell's mother was deaf and his father worked with deaf people. Bell's father invented a language called Visible Speech to show how different speech sounds are made.

Bell helped to show how Visible Speech could help deaf people learn and develop their speech. He helped his father teach it to deaf people.

How He Is Remembered

As the telephone became more and more important, Alexander Graham Bell became more and more famous. He received many awards for his invention. Bell died in 1922, aged 75. After his funeral, every telephone on the continent of North America was silenced for one minute.

Did You Know...? The measures of sound that are still used today, the **bel** and the **decibel**, are named after him.



Alexander Graham Bell

Date of birth: 3 March, 1847, Scotland

Date of death: 1922

Occupation: elocutionist, music teacher and inventor

Alexander Graham Bell was born in Scotland. His father was a famous elocutionist, speech expert and teacher.

In 1859, Bell invented his first ever machine at the age of 12. With the help of his brother, he managed to invent a machine that could produce speech electronically.

When Alexander was 16, the Bell family moved to England, where he became a teacher of elocution and music. Tragically, both of Alexander's brothers died of tuberculosis so the family decided to move to Canada for the new and different climate.

Bell moved to Boston, US in 1872, and opened a school for the deaf and people with speech impairments. He taught others his Visible Speech System. The system is composed of symbols that show the position and movement of the throat, tongue, and lips as they produce the sounds of language.

A few years later, Bell experiments with the phonautograph, a machine that plots sound waves. This led to his invention of the telephone and he hired an assistant called Thomas Watson. Watson helped Bell prove that telephones work by showing they can

transmit sounds.

Bell patented his invention and demonstrated the first ever long-distance phone call from a town called Brantford, which was at a distance of around 4 miles.

Other inventions by Bell are the metal detector, a metal jacket that helps people breathe and an audiometer that helped detect hearing problems in patients.

Alexander Graham bell died in 1922 but his inventions are still crucial to us today.

You will have 2 weeks to plan and design your Wikipedia page

Week 1 – research and organise what you find out into suitable paragraphs: use the following suggestions to help...

- Early life when and where were they born / family /education etc.
- Interests what triggered their desire to invent?
- Early inventions were they always focussed on one 'theme' or did they try several ideas out?
- What they are most famous for?
- What's their impact (legacy) on our lives today?

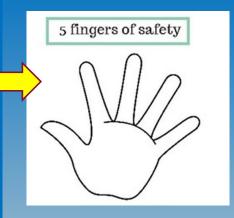
Week 2 – design your Wikipedia page – using all of your research.

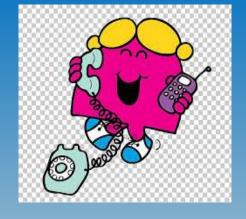


Bournebrook

Church of England Primary School

- Remember to talk to someone on your Network Hand if you are worried about something
- If nobody is listening to your worries or there is nobody to talk to, you can call <u>Childline on</u> <u>08001111</u> - adults at Childline are used to talking to children with worries and can help you.





ChildLine

0800 1111

If you feel unsafe at home or are worried that a friend is not safe, call Mrs Patchett on 07787261064.