

KS2 Home Learning Project: Amazing Inventors

This project is designed to be carried out over the next two weeks (24.4.20 – 1.5.20) and is based around amazing inventions. We would like pupils to think carefully about inventions and the two inventors Alexander Graham Bell and Steve Jobs. We would like them to find out some information about both inventors and make comparisons between their inventions. They should reflect on how important their inventions were and are today, especially in this current situation where people need to talk.

Pupils can work together on this project with siblings from all key stages and produce joint work by the end or they may wish to do it independently.

Also an LBQ task will be set for you to access on Thursday – so try to have a go and impress us with your knowledge!

Maths – (Aim to alternate between maths and English each day)

- Play on Timestable RockStars every day for 15 minutes
- Practise telling the time. This could be done through this game (scroll down to access the game). Read to the quarter hour and the nearest 5 minutes
<https://mathsframe.co.uk/en/resources/resource/116/telling-the-time>
- Measure is an important skill when it comes to looking at designing and creating new inventions. Have a go at developing your skills by playing some of these measure themed games on the following link:
<https://www.topmarks.co.uk/maths-games/7-11-years/measures>
- Year 5 /6 you can keep practising your SAT's questions on the Maths grid
- See if you can create some symmetrical patterns. How creative can you be with the materials found in your home?



English - (Aim to alternate between maths and English each day)

Can you create an acrostic poem for the word 'Inventor'?
Think carefully about the skills someone needs to be an inventor and use descriptive language to make your poem as exciting as possible. Could you include a simile or metaphor?

Remember:

Plan what you want to say first.

Write a first draft.

Edit it.

Write it up neatly.



Could you also write a poem to say thank you to the people working for our NHS? Email some of these to your teachers so that they can be shared.

Remember to read a book each day.

Year 5, Remember to access Bedrock twice per week.

Practise your spellings from the back of your planner.

Art

Create a new iphone case. Think about which materials you will use to draw?

Can you find different materials around the house to help make it colourful?

What will you need to include and what would be helpful? (space for the camera etc..)



Fun Maths

Could you invent a new board game?

Can you include some times table or mental maths questions as part of your game?

Think carefully about the design of your game and make sure you write a clear set of rules.



History



Find out about the history of the telephone.

Who invented it and why?

What did it look like?

How has it changed over time?

Who invented the first iPhone?

Can you create a timeline of the different telephones that have been created?

Can you draw and describe which one is your favourite and why?

Science

Try making your own cup phones. This will help you think about how sound travels through the air in waves.



Try making your own cup phone - <https://raisinglifelonglearners.com/string-telephone-explanation/>

Here's s youtube clip <https://raisinglifelonglearners.com/string-telephone-explanation/>

Can you send a message from one cup to another successfully?
How long can you make it?

The Quarantined of QEGS

QEGS is still making a blog to show what you have been doing during lockdown. Can you write a piece of no more than 300 words saying what you have done for us to publish?

Take a look!

<https://qegs.edublogs.org/>

Geography

Research to see if any famous inventors came from Blackburn or Lancashire.

Make a 5 slide PowerPoint or similar presentation about what you found out.

What were they called?
What did they invent?
Where did they come from?

English – GPS

The Amazing Inventors

How many words can you make using only the letters in the red words above?

What is the longest word you can make?



Speaking and listening

Can you create an advert to sell you new iPhone cover or a telephone to others?

