

English

- ❖ Alexander Graham Bell invented the telephone. Watch this video about his inventions:  https://www.youtube.com/watch?v=9n_5jG_9fAE then complete the comprehension questions - choose 1*, 2** or 3***.
- ❖ Imagine you are the director of an Invention Company. Write a job advert looking for a new inventor to join your company, describing the skills needed and why they should apply.
- ❖ Write a letter of application for the Inventor Job Advert, explaining why you would make a good inventor.
- ❖ Have you ever heard of Thomas Edison? Or Grace Hopper? Research a famous inventor of your choice and create a fact file, biography or blog about them.

Inventions

Year 5

Weekly Learning Tasks for week beginning 07.12.20

These tasks cover various skills **English, Maths, Creative** and **Investigative**.

We recommend completing **the 4 purple tasks** plus 4 or more other tasks this week. The activities that are **bold and underlined** may require more adult support. Enjoy! 😊

Maths

- ❖ Watch these video clips on *Rounding Numbers*  <https://www.bbc.co.uk/bitesize/topics/zh8dmp3> Complete the *Rounding Numbers* activity sheets. Choose 1*, 2** or 3*** and use the answer sheet to mark your answers.
- ❖ Complete the *Ordering and Comparing Numbers* activity sheets. Choose 1*, 2** or 3*** and use the answer sheet to mark your answers. 
- ❖ Watch this video clip about ordering numbers. <https://www.bbc.co.uk/bitesize/clips/z4487ty>
- ❖ Have a go at some of these *Ordering and Comparing Numbers* games: <https://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing-numbers>
- ❖ Make a timeline of famous world inventors and inventions over the past 100 years. Order from past to present. Challenge 1 - 5 inventors/inventions. Challenge 2 - 10 or more inventors/inventions.

Creative

- ❖ Watch this BBC Bitesize video clip: 'Inspiration for inventions'  <https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks2-inspiration-for-inventions/zbs47nb> If you could invent a machine that could do anything, what would it be? You decide! Draw and label your design to show us exactly what it does.
- ❖ **Collect a range of junk-modelling materials from around your house.** Be creative - use them to build a model of your machine invention.
- ❖ **Leonardo Da Vinci invented 'The Ornithopter'- a flying machine.** Challenge yourself to create and test the best paper aeroplane.
- ❖ Lego is one of the best inventions of the 20th century! Build a model using Lego, Duplo or another building material. Explain what your model is of.



Investigative

- ❖ Think of an appliance that is used regularly in your home or school. Research who invented it. You could even make a little video presentation to tell us what you found out.
- ❖ Watch this BBC Bitesize video clip to find out 'What makes a good inventor?'  <https://www.bbc.co.uk/teach/class-clips-video/what-makes-a-good-inventor/z79mf4j>
- ❖ Watch this video clip from Dragon's Den and decide whether you would back the invention or not. Give arguments to support your decision. <https://www.youtube.com/watch?v=whqogxqrWNA>
- ❖ Complete the Scientists and Inventors crossword by adding in the missing word to complete the facts. Which of these inventors do you think achieved the most? Explain why. 