



What should I know?

Key stage one

Pupils should develop an awareness of the past, using common words and phrases relating to the passing of time. They should know where the people and events they study fit within a chronological framework and identify similarities and differences between ways of life in different periods.

The lives of significant individuals in the past who have contributed to national and international achievements

Key learning:

Discover which inventions had a big impact on the world

Show a greater understanding of chronology and order of events, people and objects.

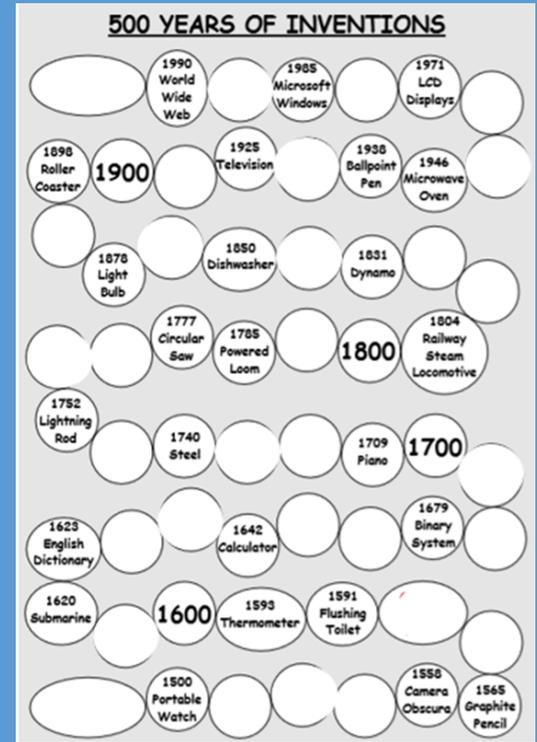
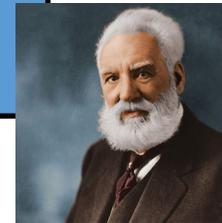
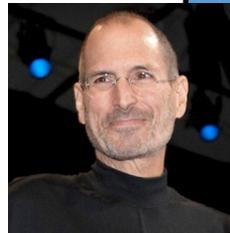
Look closely at environmentally friendly inventions

Create annotated sketches and cross-sectional drawings

To create an invention that will reduce your carbon footprint

Design, make and present our own invention in the style of Dragons' Den

We'll learn about the work of many inventors such as Steve Jobs, The Wright Brothers and Alexander Graham Bell



Enquiry and skills I will learn:

To use research and develop criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups

Explain my choice of tools & equipment in relation to techniques I will be using, & explain my choice of materials according to functional & aesthetic qualities.

Accurately measure, mark, cut, shape, join & combine materials

Critically evaluate the design, make & fitness for purpose as I work.

Investigate methods of construction, how much products cost to make, how innovative they are, & how sustainable product materials are.

Key vocabulary and definitions

Inventor—a person who created a particular process or device

Invention—a new device or process created by somebody

Chronology—the arrangements of dates or events in time order

Carbon footprint—the amount of carbon dioxide released into the atmosphere as a result of the activities of a particular individual or community

Environmentally friendly—not harmful to the environment

Innovative—new, creative ideas