

My steps through learning:

What I will know and understand

How I will show that I know it

Steps through Learning

DT: British Inventors



Lesson 5

To reflect on the impacts that inventions have had on our lives.

I can name a British inventor and their creation
I can reflect on how inventions have changed the world
I can design a new creation intended to solve an everyday problem



Lesson 3

To explore how the invention of reinforced concrete works.

I can define the word reinforced?
I can describe what reinforced concrete is
I am able to suggest ways to reinforce a material



Lesson 1

To investigate the invention of the telephone.

I can reflect on how the invention of the telephone changed the way people lived
I can identify ways in which the telephone has changed to meet people's needs
I am able to evaluate a product's performance.



Lesson 4

To investigate the invention of the mackintosh.

I can pick out features of a material that make it suitable for a purpose
I am able to think of design criteria to suit a purpose
I can evaluate the success of a product based on a set of design criteria



Lesson 2

To investigate the invention of the World Wide Web.

I can distinguish between the World Wide Web and the internet
I can reflect on how an invention has changed our lives?



What should I already know

National Curriculum:

- KS2 - use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- KS2 - generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design
- KS2 - understand how key events and individuals in design and technology have helped shape the world
- KS2 - apply their understanding of how to strengthen, stiffen and reinforce more complex structures