



Ingenious Inventions



Key facts:

- New things that are created or made are called inventions.
- An invention is often created to fix a problem.
- The wheel, knife and the arrow are known as the earliest inventions.
- Some of the inventions **Leonardo Da Vinci** created was the propeller, scissors, parachute and a flying machine.
- **Marie Curie** in 1895 discovered a metal called Radium that could kill cancer cells.
- **Marie Curie** was the first woman to win the Nobel Prize.
- Some of the most important inventions are the wheel, printing press, light bulb and the internet.

Inventor: An inventor is a person who invented a particular process or device as a job.

Learning Journey—

Through this history topic pupils will learn about significant inventors that have contributed to modern life. Pupils will develop historical enquiry skills and be asked to make inferences and explain their thinking. They will explore different artefacts, compare images and consider changes through time. Pupils will begin to look at the trustworthy of sources. Pupils will use a variety of historical sources to find out about variety of inventors like Leonardo Da Vinci and Marie Curie.

The children will learn how to conduct their own historical enquiry about an inventor of their choice. This will encourage children to use taught historical skills and continue to develop their love of learning about History.



Ingenious Inventors



Need to know

inventor
inventions
engineer
scientist
product
machine
design
evaluate
timeline
discovery
past
present
future
Leonardo Da Vinci
Marie Curie

Nice to know

parachute
element
develop
Nobel prize
radioactive
artefact
doctorate

Super specialist

Prototypes
Modification
Chemicals
Physics

<u>Links to Prior Learning</u>	<u>Key Texts</u>	<u>Links to Future Learning</u>
• Year 2 have prior knowledge of inventions in a previous topic 'Travel and transport'. • Children also have prior knowledge of historical enquiry skills from previous history topics. • Pupils have knowledge of inventors in STEM from British Science Week. • Links to materials unit in Science.	• <i>Norton and Alpha</i> by Kristyna Litten • <i>Hidden Figures: The true story of four black women and the space race</i> by argot Lee Shetterly and Winifred Conkling • <i>Marvellous Mattie: How Margaret E. Knight became an inventor</i> by Emily Arnold McCully • <i>The girl who thought in pictures</i> by Julia Finley Mosca	• Developing historical enquiry skills needed in KS2. • Developing an collection of a variety of significant people in history. • Future topics in KS2: Battle of Britain and WW2, Travelling through time

Family Fun

- Visit your local library or on online library to find out about important inventors: can you make your own list?
- Find out about Marie Curie and take a quiz: <https://www.bbc.co.uk/bitesize/topics/zd4dy9q/articles/z6bnd6>
- Watch Leonardo Da Vinci Biography: <https://www.youtube.com/watch?v=RmOgszPJnc8>
- Visit a museum to learn more like British Science Museum and the Design museum in London.
- Make your own invention at home, we would love to see what you create!