

Science Knowledge Organiser

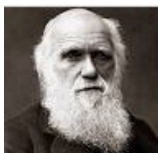
Famous names in Science (Term 2)

Year 6

Our learning

In our science lessons this term, we will be learning about some famous scientists and the discoveries they made. Their discoveries cover all aspects of science: **biology**, **chemistry** and **physics**. Through our learning we will be considering the **connections** between the different scientific discoveries and how they have impacted and shaped the world we live in.

Famous scientists

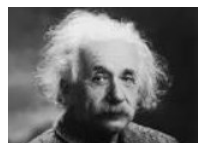


Charles Darwin

A British biologist who helped us understand and explain evolution.

Rosalind Franklin

A British chemist who helped us understand DNA and viruses



Albert Einstein

A German born theoretical physicist

Marie Curie

A Polish/ French physicist and chemist



Mary Jackson, Katherine Johnson and Dorothy Vaughan

American computer scientists and mathematicians

Information

Throughout history huge scientific discoveries have been made and documented.

Some scientific discoveries made hundreds of years ago, still impact our lives today.

Albert Einstein was a scientist famous for his theory of relativity.

Stephen Hawking was a scientist who studied the universe.

Marie Curie won the Noble Peace Prize for her work in radioactivity and disease.

Mary Jackson, Katherine Johnson and Dorothy Vaughan. were black, female scientists who made major contributions to NASA .

The Nobel prizes are five prizes that were created by Alfred Nobel to award outstanding achievement in bringing peace, chemistry, physics, physiology/medicine and literature.

As a scientist I will...

- Report and present what I have found out
- Create presentations about scientific discoveries
- Identify scientific evidence that have been used to support or disprove ideas
- Use other peoples discoveries to better

Vocabulary

scientist- a person who is studying or has expert knowledge of one (or more) of the sciences.

discovery- finding something out. Often something that was not known before.

theory- an idea or suggestions about how or why something happens

evidence- the selection of facts or information that shows something is true

Stephen Hawking

A British theoretical physicist



Nikola Tesla

An inventor and electrical engineer who worked with electricity

Alan Turing

A theoretical computer scientist who developed computer programming and codes during WW2



Michael Faraday

A British scientist who worked with electromagnetism

