



St Leo's and Southmead
Catholic Nursery and Primary
School

Year
Two

Science Knowledge Organiser

Summer
Term

Amazing Activities

To visit the Catalyst Science Museum to explore the interactive exhibitions.

To work with the school nurses to learn about hygiene and medicines .

Key Concepts

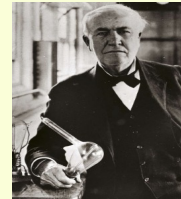
- Edward Jenner invented the first ever vaccine against a disease called Smallpox.
- Thomas Edison invented a new type of carbon filament lightbulb.
- An electrical circuit must be complete to enable the electricity to flow around the circuit.
- Alexander Graham Bell became interested in sound when his mother started going deaf.
- Alexander Graham Bell explored different materials that sounds travel through and invented the telephone.
- When we talk we make sounds. These sounds create waves which are like tiny vibrations. Alexander Graham Bell discovered that these vibrations could be transmitted along a thin wire.
- Alexander Fleming discovered an antibiotic called Penicilin.
- Penicilin was able to destroy certain types of bacteria and is now used in lots of antibiotics to make us better when we are unwell.



FAMOUS SCIENTISTS

Skills

- To use simple equipment to observe closely changes over time.
- To perform comparative tests
- To record findings in a variety of ways .
- To use simple secondary sources to find answers to questions posed.



Curriculum Links

- **Literacy Link:** The children will use books and websites to research each scientist and their work. Creating reports using their findings.
- **Maths:** The children will use tables and charts to record their findings. Making graphs using their results.
- **History:** The children will learn about life in times beyond living memory.



Key Vocabulary

Key Vocabulary	Definition
Acoustics	The scientific study of sound and sound waves
Bacteria	Tiny little living organisms that can be found everywhere.
Circuit	A complete path around which electricity can flow.
Communicate	The act of giving, receiving and sharing information.
Deaf	Describes a hearing impairment which leaves a person with hearing loss.
Electricity	A form of energy that provides power to motors and devices that create light, heat, movement, or sound.
Immunisation	Is the process of protecting a person from infectious diseases.
Transmit	To pass or spread from one person or place to another
Light bulb	A glass bulb inserted into a lamp or fitting which provides light using electricity.
Vaccine	A treatment which makes the body stronger against an infection.