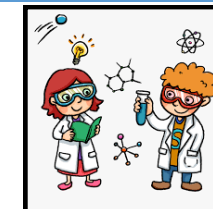




St. Anne's Catholic Primary School

Year 6 Medium Term Plan 'We are Scientists'



RE

Islam

Pupils will learn about the Muslim faith, focusing specifically on the Five Pillars of Islam.

Witnesses

Children will study scripture and belief in the power of the Holy Spirit. They will aim to give reasons for the witness to Jesus Christ by believers.

English

Explanation Texts

Children will study a variety of inventions (The Snoozatron, The Shirt Machine, etc) and will work towards writing an explanation of these.

Detective Fiction

Pupils will study a variety of detective stories before writing their own story to entertain and intrigue children in another class.

Maths

Children will be revising topics studied throughout this year, including:

- Algebra
- Angles
- Decimals
- Fractions
- Reflections
- Coordinates

Driver Subject — Science

Electricity

Children will associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.

Pupils will also compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.

Use recognised symbols (at least: cells, wires, switches, bulbs,

Scientific Enquiry

Pattern Seeking

The pupils will identify patterns in results collected and describe them using the change and measure variables (e.g. as we increased the number of batteries the brightness the bulb increased).

Research

The children will research how scientific ideas have developed over time and had an impact on our lives. They will recognise which secondary sources will be most useful to research their ideas and begin to separate opinion from fact.

Geography

Human and Physical Geography

The children will complete a study of locality, focusing on the Lake District. They will explain some links and interactions between people, places and the environment.

Geographical Skills

The pupils will interpret a wider range of geographical information and maps including scale, projections, thematic, and digital maps.

Computing

Coding

The pupils will design and create a range of digital assets such as programs, systems and multimedia content for a defined purpose and audience.

The children will also develop their computational thinking can demonstrate that they can decompose and evaluate their tasks and correct errors in their algorithms and programs.

Music

The children will explore and compare a variety of sounds in a piece of music, identifying the prominent melodies.

The pupils will use Italian musical terms for gradually getting louder (crescendo) and gradually getting quieter (diminuendo).

They will also be encouraged to give their opinion on a piece of music, and reasons for it.

DT

The children will use exploded diagrams and cross-sectional diagrams to communicate ideas about a new rollercoaster.

The pupils will identify the strengths and weaknesses of their design ideas and report using correct technical vocabulary.

The children will build frameworks to support mechanisms and aim to stiffen and reinforce complex structures.

Finally they will discuss how well the finished product meets the design criteria having tested on/discussed outcomes with the user.

Languages— German

The pupils will match sound to sentences and paragraphs. They will also aim to understand and express simple opinions, as well as initiate and sustain conversations and tell stories.

In writing, the children will express ideas clearly, writing words, short phrases and short sentences, using a reference.

PE—Invasion Games

Developing Skills

Children will revise tactics used in an invasion game.

Application of Skills

Pupils will select and apply tactics in different invasion games.

Collaborative Learning

Children will share their detective fiction stories with Year 3, via TEAMS, aiming to inspire and entertain younger members of our school.