

St. Anne's Catholic Primary School

Year 3 Knowledge Organiser

'We are Scientists'

"Loving God In All We Do."



The 'We are Scientists' theme is about ...

During this topic the children will be learning about forces and being scientists. We'll look at famous scientists from the present era and further back in History, such as Sir Isaac Newton.

Our focus will be studying scientists who have discovered interesting facts about forces and magnetism.

The children will also be studying the Stone Age through History, Art and English.

Using their forces knowledge children will learn more about conducting fair tests, using such concepts as variables and constants..

What we already know...

- Forces can be pushes or pulls.
- There are different types of forces.
- Forces are all around us outside and inside our homes.
- Gravity is a force.

By the end of the theme we will know ...

- We will be able to group together forces into pushes or pulls.
- We will show how forces can help us or hinder us.
- We'll recognise forces in our environment.
- We will know how forces act against each other.
- We will create a series of tests to learn more about friction and gravity.
- We will know magnetism is a non-contact force.

Vocabulary

RE

fire, warmth, wind, energy, power, gifts, Holy Spirit, Rosary, Glorious Mysteries, Pentecost

Science

Forces, pushes, pulls, gravity, friction, air resistance, wind resistance, thrust, upthrust, buoyancy, magnetism, attract, repel, poles and magnetic fields

Music

Rock & Roll, performance, composition, evaluate, Elvis.

Art and Design

Colour, pattern, line, shape, form, texture, evaluate.

Geography

Grid references, atlases, maps, physical geography.

History

Stone Age, cave paintings, chronology, Neolithic, Mesolithic, Skara Brae, hunter gatherers, Palaeolithic, farming tools.



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Wider curriculum learning

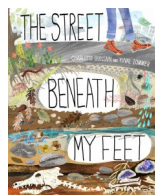
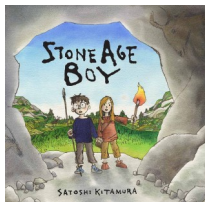
The topic of 'We Are Scientists' is always a creative and exciting one for the children. There is obviously a strong focus on Science this term but there are also strong links to History and English amongst others. The children will learn all about the Stone Age and how the people of the time lived as well as creating cave paintings with charcoal.

In RE we will be studying the festival of Pentecost and learning about the Holy Trinity.

We will be building up to celebrating the national event of the King's coronation and in French we will be learning words and songs related to birthdays.

A key part of this half term for the children will be their weekly swimming lessons on a Thursday—the children always enjoy this aspect of school.

We are going to read a range of texts from:



Let's try this at home

- Create a playlist of Rock & Roll songs from the 50's and 60's.

Key dates for this half-term

Term dates: Monday, 17th April—Friday, 26th May

Bank Holidays: Monday, 1st May and Monday 8th May

Open Classroom Celebration: Wednesday, 17th May 3.30-5pm

Swimming –Thursday afternoons.

PE day—Wednesday (please can all children now come into school wearing their PE kit on Wednesdays for Tennis)

Walk to School Week 15th—19th May

Please refer to the school calendar on the school website to keep up to date with all events.