

Science

Forces- Children will understand that gravity is what holds you on the surface of the Earth. Know that friction, air resistance and water resistance slow things down. Use scientific equipment carefully and read scales on equipment to undertake scientific enquiry. They will record results, construct graphs to present these results. Know that in order to keep a test fair only one variable can be changed. Report findings from an enquiry.

Earth and beyond -

Children find fascinating facts about the sun, moon and Earth. They will develop an understanding of how day and night occur, the four seasons and the moon's phases. Children will investigate the sun and the planets making up our Solar System along with the other stars in their constellations.



Literacy

This year will continue to focus on grammar, spelling and punctuation. The children will be exploring a range of texts and write their own historical narratives. We will be writing biographical reports for Anne Frank's life and studying extracts from texts from our literary heritage. These will include: Great Expectations, Jane Eyre and Dracula.

In addition to this, we will be looking at a range of poets and exploring poetic form. And poetic techniques used to create imagery.

The class will develop their imaginations, language and creativity when we look at the graphic novel 'Artemis Fowl'.



History

In history, children will be exploring the past and researching World War Two. The focus of this is historic events that led to the outbreak of World War Two. Place events on a timeline that will grow throughout the topic and build understanding of the chronology of the war. Look at and experience through role play the Blitz, need for evacuation and the efforts on The Home front..

They will gain a good understanding of how the rationing of food, the need to Dig for Victory and the directive to „make do and mend“ impacted on children and their families during the war. Learn about the significant events that lead to the end of the war. Children will recreate VE day with flags, songs and party food.

There will be an opportunity during the term to visit The RAF Museum.



PE

This term the class will be developing skills and techniques used in Tag Rugby. The sessions will focus on building skills, teamwork, participation and progress, rather than competitive matches.

We will be fortunate to have a few weeks of tennis coaching from an outside agency.

The children will be developing their gymnastic skills.



Year 5 Autumn Term 2016



Spanish



The children will be learning about 'Mi Clase' and developing their written and spoken Spanish language. They will be learning about Spanish culture and how to hold simple conversations.

ICT

Children will investigate the concept of "big data". They will review how data and information are stored and searched on computer networks. They will focus on Esafety and investigate their digital footprints and discuss ways of using online tools responsibly, securely and safely. They will design, create and search databases, producing reports from the data considering accuracy.



Mathematics

The following areas will be developed:
Counting, partitioning and calculating.
Number facts and shape.
Handling data and measures.
Calculating measuring and understanding shape.

Securing number facts relationships and calculating.

The children will develop their ability to apply what they have learnt to real-life situations and develop their problem solving skills. We will have weekly times tables and mental maths tests.



Music

Children will learn to sing songs from our musical heritage and develop accompaniments using ostinato and invented or improvised rhythms. They will develop a performance by adding other media and perform with awareness of their audience.



RE

Rules for living - Children will gain understanding of religious codes of conduct and rules of living, considering the effect of these on life. Making comparisons between Christianity and Judaism. Light as a symbol in some religious celebrations - About religious festivals which share common themes, but which have meaning unique to each faith.



PHSE/Citizenship

The children will be developing their thinking skills through a range of P4C enquiries. These will focus on many different topical, controversial issues.

