

Y5 Curriculum Overview

MATHS

This term the children will be looking at multiplication and division. Children practise both the formal written method for multiplication and division but also a variety of efficient mental strategies. It is important that children explore different methods and apply their knowledge of multiplication and division to solve problems. The main focus of this unit is giving children the opportunity to choose which operation is needed in order to answer a particular problem, and then to solve the problems.



ENGLISH

Orange's in No Man's Land by Elizabeth Laird



This half term in English we will be studying 'Oranges in No Man's Land'. This is the moving story of a young girl trying to help her family amid the crisis of civil war. The children will develop their oracy skills through Talk for Writing lessons, along with grammar input. They will use the skills they have learned to write diary entries, letters, a narrative and non-chronological report based on the book. Year 5 will also use this text to practise key reading skills; vocabulary, retrieval, inference, prediction, author's choice and summarise.

History Ancient Egypt

In Spring 1, children will learn about who the Ancient Greek people were, when they lived and where and how they were able to establish their empire. They learn how the political system worked in Ancient Greece, investigate the legacy of Athenian Democracy and compare it with the political systems we have today. The children also compare and contrast the modern day Olympics with the Ancient Greek events and use their mathematical skills to present their findings in the form of a Venn diagram. They also learn about and order events from the Battle of Marathon. In addition to this they learn about Ancient Greek religion, research information about a variety of Greek gods and present that in passports. Children will have the opportunity to participate in an interactive workshop and virtually tour an Ancient Greek temple.

RSE Respectful Relationships

This half term, the children will be continuing to study relationships; how healthy relationships are formed and how they are maintained.

Art Architecture

For Art, children will be taught to develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design. They will learn about great artists, architects and designers in history.

PE Gymnastics

Children will learn how to perform a variety of floor and vault movements. The children will learn stag jumps, split leaps, pike rolls, round-offs and the squat through vault while developing their understanding of the necessary flexibility, strength and control needed to perform the movements successfully.

RE Is commitment the same as sacrifice?

Children will be investigating and comparing how else some of these religions show their commitment to God.

SCIENCE Types of Change

They will explore dissolving by seeing how many drops of water it takes to dissolve the same amount of different substances and will use the terms solute and solvent. They will use evaporation to recover dissolved solutes and will recognise that these are reversible changes. They will also recognise that mixing and changes of state are reversible changes. Children will be introduced to examples of irreversible changes such as burning candles and other fuels, heating some materials and mixing

Computing
Spreadsheets

Year 5 will be looking at spreadsheets this half-term, they will learn how to convert measurements, use accounting tool and use text variables to perform calculations.

bicarbonate with acid. They will learn that in these changes new materials are made and that these new materials are often in the form of gases.
Working Scientifically, children will use evidence gathered from their own and others' investigations into dissolving and evaporation to draw conclusions and offer explanations. They will apply previous understanding about melting to predict and investigate which substances will melt. They will plan, carry out and review a complete investigation related to the action of acid on bicarbonate.