

Science - Forces

Children will be able to explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Children will identify the effects of air resistance, water resistance and friction that act between moving surfaces. Children will recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Maths

Children will consolidate their understanding of multiplication and learn to use long division drawing upon known facts; they will solve problems involving them. They will recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. They will identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths. They will explore percentages by understanding their connection to tenths and hundredths. Children will learn to multiply fractions by whole numbers and start to apply their fraction and percentage knowledge by problem solving. They will convert units of measure and learn to calculate area, volume and capacity applying their improving times table knowledge to calculate efficiently. Children will recognise and name 3D shapes from 2D representations and explore reflection and translation. Finally, towards the end of the half term children will start to explore perimeter.

Geography – Map Skills

Children will use maps, atlases, globes and digital/ computer mapping to locate countries and describe the features studied. Children will use the 8 points of a compass, 4- and 6- figure grid references, symbols and key (including the use of Ordnance Survey maps) to build knowledge of the United Kingdom and the wider world.

SUMMER 1 Year 5



English

Children will explore a discussion text that links to our Geography topic based on renewable energy; they will make comparisons to fossil fuels. They will then use their knowledge and understanding of the text type to create their own discussion-based text. Children will be studying the writer and poet William Shakespeare. They will focus on his poetry and sonnets so that they can gain an understanding of our literary heritage. There will be a focus on language choices and word meaning as we explore the vocabulary of the poems. This will also link to our literary heritage topic which will begin in Summer 1 but carry on into Summer 2 where the children will learn more about Shakespeare by studying his plays. Children will compare the characters, settings and plot within Shakespeare's Midsummer Night's dream to other more contemporary books that they have read to gain an understanding of the structure of story writing. Children will understand the importance of William Shakespeare's work and his contribution to our literary heritage and language development.

French – Chez moi (my home)

Children will speak in sentences, using familiar vocabulary, phrases and basic language structures. They will develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases. Children will broaden vocabulary and develop the ability to understand new words that are similar to English.

Art – Artist - Leonardo da Vinci

Children will use sketch books to record observations and use them to review and revisit ideas. They will improve their mastery of art techniques including drawing and painting with a range of materials. Children will learn about Leonardo da Vinci and his impact on the world.

PSHE & Citizenship - Healthy Living and puberty

Children will understand the value of keeping healthy and some of the choices they can make to keep healthy. They will reflect on their own lifestyle including their use of leisure time. Children will consider how people lifestyles differ and own attitudes to different lifestyles. Year 5 children will consider how advertising and the media can effect perceptions of healthy lifestyles. They will consider their possible future lifestyle. Children will know the facts about the human life cycle, reproduction and sexual intercourse. They will know how the changes at puberty affect the body including in relation to hygiene. Children will know that body changes are a preparation or parenthood.

Religious Education Christianity and Judaism

Children will learn about individual beliefs and consider the ways in which members of faith communities describe their understanding of God. They will discuss and reflect on relationships between humans, their environment and other living creatures. Children will discuss and reflect upon how desire can cause suffering and consider matters about right and wrong. They will discuss and reflect why there is suffering in the world and consider the significance of religion around the world.

Physical Education

Functional use of limbs and Athletics

Children will recognise and practise different ways of using pushing and swinging to travel on different body parts. They will travel into rolls in different ways showing different body shapes. Children will compose a short sequence with a partner to produce matching travel, jump and turn. They will play competitive games e.g. cricket and rounders (modified where appropriate) and apply basic principles suitable for attacking and defending. Children will take part in outdoor and adventurous activity challenges both individually and within a team

Computing – Robotics and systems

To understand that programs can control computer screen displays. Children will write programs to control MicroBits to complete our Robotics topic.

Computing - Sound Works

Children will review how digital sound is used in the world and how it has developed over time. They will create multi-track sound recordings for specific audiences incorporating different content and demonstrating their understanding of the rules for copyright. They will apply their understanding of programming languages to create their own sound clips.

Music – Dancing in the Street

Children will listen and compare songs from a variety of genres. They will answer questions using musical terminology. Children will learn the lyrics to the song and perform as a group. They will compose a backing song to the one studied and perform to others.