



Year 5 Curriculum Information

Geography - The Power of the Earth

Our Geography topic for Terms 3 and 4 is 'The Power of the Earth'. We will learn about plate tectonics, the structure of the Earth and continental drift. We will begin to learn about volcanoes, how they are formed and where in the World they are located. This topic will then continue into Term 4.

Key Vocabulary: tectonic plates, volcano, magma, crust, mantle, continental drift.

English - Writing

In English, we will be focussing on non-fiction texts, learning about the features and structure of non-chronological reports. We will develop skills for note taking, mind mapping and planning. We will also learn about ways to structure non fiction writing to create cohesion. We will revise the use of apostrophes for possession and contraction and develop use of semi-colons, relative pronouns and clauses and modal verbs.

Key Vocabulary: non-chronological report, cohesion, adverbials, possession, apostrophe, contraction

Reading

We will continue to develop reading comprehension using the Reading V.I.P.E.R.S structure to practise the different skills of responding to written texts.

Key Vocabulary: vocabulary, inference, predict, explain, retrieve, summarise

Mathematics

We will start the term by learning about how to multiply and divide by 10, 100 and 1000, revising decimal place value at the same time. We will use these skills to develop use of place value to support mental calculation strategies.

We will convert between units of measure, using knowledge of multiplying and dividing by 10, 100 and 1000. We will then revise work on Factors, Multiples and Prime Numbers.

Key Vocabulary: multiply, divide, multiples, factors, prime numbers, square numbers, units of measure

Science

Our Science topic this term is Earth and Space. We will be learning about how scientific knowledge of the shape of the Earth and its place in the solar system

developed over time. We will learn about the planets, the Sun and the Moon and how the Earth, Sun and Moon interact. We will learn about the Seasons, Moon phases and eclipses.

Key Vocabulary: solar system, eclipse, orbit, rotate, axis, satellite

Music

In Music, we will be studying a unit called Classroom Jazz. We will listen to and appraise two pieces of music called 'The Three Note Bossa' and 'Five Note Swing', thinking about their structure. We will play and improvise using tuned percussion instruments and recorders. We will then work on a whole class performance piece of music.

Key Vocabulary: appraising, Bossa Nova, syncopation, structure, Swing, Big bands, improvise, pulse, rhythm, pitch, tempo, dynamics, riff, hook, solo

Computing

In this unit, children will use physical computing to explore the concept of selection in programming through the use of the Crumble programming environment. Children will be introduced to a microcontroller (Crumble controller) and learn how to connect and program components (including output devices- LEDs and motors) through the application of their existing programming knowledge. Learners are introduced to conditions as a means of controlling the flow of actions and make use of their knowledge of repetition and conditions when introduced to the concept of selection (through the if, then structure).

Key Vocabulary: conditional loop, infinite loop, count controlled loop, sequence, algorithm, condition, circuit.

PE

Hockey - We will begin to learn hockey skills, beginning with controlled dribbling and passing. We will progress to tackling and incorporating basic skills into games, thinking about tactics and finding and using space.

Athletics (Sports Hall) - We will learn and practise track and field sports hall athletics events, including relays using 'Reversa' boards, throwing and jumping events. Every pupil should have the opportunity to put their skills into practice by the end of term at a Warriner Family Event.

PE days are Mondays and Thursdays

Key Vocabulary: stance, cushion, tactics, transition, turnover, draw, barrier, close down, dominant

RE

How far does the mosque contribute to the Muslim Concept of Ummah?

In this unit, we will learn about the mosque and its key features as well as the importance of the Mosque to Muslims. The children will gain an understanding of how the Mosque is used and how this contributes to creating a sense of community for Muslims.

Key Vocabulary: Islam, Muslim, Qur'an, Mosque, Arabic, prophet Muhammad, God, Allah

PSHE

We will study a unit of work about Rights and Responsibilities.

The children will discuss different sources of information and make judgements about how trustworthy they are. We will look at what responsibilities children have and how adult responsibilities might be different. They will learn about rights and the link between rights and responsibilities.

They will discuss how to make responsible decisions, including with money.

Key Vocabulary: rights, responsibilities, decisions, councils, judgements

French

This term's work will revise the days of the week. Children will learn to talk about things they do in their spare time, particularly what sports they play, explaining their preferences. French will be led by Mr Brigg on Tuesdays.

Key vocabulary: Je joue au - I play; Je fais - I do. du / de la—some

Art/DT

Children will continue to create designs inspired by William Morris. They will use painting, pencil drawings and printing techniques to create their own designs. They will learn about art history and the Arts and Crafts Movement. Art will be taught by Mrs Fane on Tuesdays this term.

Key Vocabulary: pattern, layering, Arts and Crafts Movement, printing, texture, line, block colour, symmetry, repeating.

Our Christian Values:

Respect, Compassion, Trust, Truthfulness, Friendship, Forgiveness