

Science Electricity

Year 4 – Animals, including Humans

Children will describe the simple functions of the basic parts of the digestive system in humans. Identify the different types of teeth in humans and their simple functions.

They will construct and interpret a variety of food chains, identifying producers, predators and prey.

Working scientifically

Children will ask relevant questions and use different types of scientific enquiries to answer them.

They will gather, record, classify and present data in a variety of ways to help in answer questions. Children will record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.

They will identify differences, similarities or changes related to simple scientific ideas and processes. Children will ask relevant questions and using different types of scientific enquiries to answer them.

They will set up simple practical enquiries, comparative and fair tests and make systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers.

French

Vive le sport ! (Our sporting lives)

Children will listen attentively to spoken language and show understanding by joining in and responding.

Children should explore patterns and sounds of language and link the spelling, sound and meaning of words.

Children will develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases.

Children should speak in sentences, using familiar vocabulary, phrases and basic language structures.

Children should present ideas and information orally to a range of audiences.

Children should read carefully and show understanding of words by writing simple phrases.

SPRING 2 Year 4



English

Poetry – Riddles - the children will focus on their speaking and listening skills.

Narrative – Story settings – the children will write a narrative based on a setting.

Take one book

PSHE & Citizenship Growing and Changing

Children will know how to look after their own body including the teeth.

They will understand how to keep themselves clean.

They will know that bacteria and viruses can affect health and that transmission may be reduced when simple, safe routines are followed.

Children will understand how their body is growing and changing.

Children will understand how to keep themselves healthy and how to follow a healthy diet.

They will understand how to maintain being fit and healthy and will learn about the benefits of exercise.

Children will understand the connection between our physical and mental bodies and will understand the benefits of looking after their mental health.

Maths

Children will use appropriate mathematical skills to solve a problem.

They will learn how to organise work, looking for ways to record systematically and check as proceed.

They will draw mathematical models to support visualisation of problems.

Children will use a structured approach to tackle the problem (devise a plan).

Human & physical geography of a region in UK

Children will locate areas on a map.

They will use geographical vocabulary and identify land use

Children will learn how the features of localities influence the nature and location of human activities.

They will consider the quality of an environment.

Children will identify the key similarities and differences between greater London and Naples.

Religious Education Hinduism

Children will learn about stories of the lives of key religious people, the significance of these in their own lives and in the lives of believers today.

They will learn about the significance of their own religious, cultural and family traditions and how these relate to the experiences of others.

The children will know that there are important landmarks in life, both religious and non-religious.

They will understand what it means to belong to groups and how believers demonstrate commitment to a faith group.

They will understand the importance of different religious beliefs and how these affect people's beliefs.

Computing – Computer Science Programming and games

In this unit children will understand that simulations are programmed to allow choices. They will use algorithms to design a step by step process for writing computing programs.

They will understand programmes can be saved as a procedure and will develop a computing program using decomposition.

They will be aware how to be safe online and will understand and practise how to be safe when using simulation technology.

They will understand the importance of reviewing work and will discuss their procedures and develop a programme that is following a sequence.

Physical Education

Games – Problem solving and inventing games

Children will play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending

Dance – Dance off competition

Children will perform dances using a range of movement patterns

Music

Children will play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.

Children will improvise and compose music for a range of purposes using the inter-related dimensions of music.

Children listen with attention to detail and recall sounds with increasing aural memory.

Children will use and understand staff and other musical notations.

Design and Technology Electrical and Electronics – design and build a circuit that lights up.

Children will make decisions with regard to the type of circuit they will design and make.

They will make a model of their intended circuit and make modifications as they go along.

They will evaluate their finished product against their original criteria and suggest ways that their mechanism could be improved.