



Year 4 Summer 2

Knowledge Organiser



Science We will be learning about Living Things and their Habitats

Key Knowledge

Living things can be grouped (classified) in different ways according to their features. Classification keys can be used to identify and name living things.

Living things live in a habitat which provides an environment to which they are suited (recap of year 2 learning).

These environments may change naturally e.g. through flooding, fire, earthquakes etc. Humans also cause the environment to change.

This can be in a good way (i.e. positive human impact, such as setting up nature re-serves) or in a bad way (i.e. negative human impact, such as littering).

Key Vocabulary

Classification,
Classification keys,
Environment,
Habitat,
Human impact,
Positive,
Negative,
Migrate,
Hibernate

Geography- We will be using our fieldwork skills in geography, this term. We will also be learning about the physical and human geography of Greece.

Key Knowledge

A vegetation belt is an area with distinct plant types, determined by climate, soil, drainage and elevation.

The water cycle is the journey of water and how it starts in rivers, lakes and oceans, evaporates and condenses, then falls as precipitation and runs back into rivers, lakes and oceans.

Key Vocabulary

Types of settlement, land use, trade links, climate zones, vegetation belts, rivers, mountains, volcanoes, earthquakes, water cycle

Computing We will be learning about coding, using 2Code on Purple Mash.

Key Knowledge

An event is an occurrence that causes a block of code to be run.

A flowchart is a diagram that uses specifically shaped, labelled boxes and arrows to represent an algorithm as a diagram.

Input is the information going into the computer.

Nest is when coding commands are put inside other commands.

Intelligence, such as seeing things, speech recognition, decision-making, and translation between languages.

Key Vocabulary

Action, alert,
command, input,
event, background,
algorithm, flowchart,
variable

Music We will be learning about musical elements, with a focus on rivers.

Key Vocabulary

A Capella

Dynamics

Tempo

Harmony

Texture

Ositano

Percussion

Key Knowledge

When you sing without accompaniment, it is called 'A Capella'.

Harmony means playing two notes at the same time that usually sound good together.

An ositano is musical pattern that is repeated over and over.

Performance directions are words added to musical notation to tell the performer how to play.

PSHE—We will be learning about how people's financial decisions can affect other people and the environment in positive and negative ways.

Key Vocabulary

Fairtrade

Spending impact

Single-use plastic

Key Knowledge

What we spend our money on can have positive effects (charity, Fairtrade) and negative effects (single-use plastic)

History- We will be learning about the Ancient Greeks. We will be doing a study of Greek life and achievements and their influence on the western world.

Key Vocabulary

Democracy

Ancient

Civilization

Empire

Legacies

Philosophy

Olympics

Key Knowledge

The Ancient Greeks developed the world's first democracy.

They were the first people to take the scientific approach to medicine by studying the diseases.

Playwrights wrote and produced the first dramas in outdoor theatres.

They created outstanding literature, poetry, and mythology.

They created magnificent buildings and sculptures.

They gave us the Olympics.

Other relevant information for this half term

English—This term we will be exploring the exciting stories of 'The Journey' and 'The Boy, the Fox, the Mole and the Horse' and using it to inspire our own narrative writing.

Spelling— It is vital that children learn the year 3/4 statutory spellings and know the spelling rules associated with these words to apply to new and unfamiliar spellings. We will study these spellings and those with similar spelling rules and letter patterns in both spelling and handwriting lessons.

Reading— We cannot stress enough that children need to read and have their reading diaries signed 5 times a week. Children who don't read at home will read in Catch Up Club.

Maths— Money, time and shapes are our focus for this half term. There will also be a large emphasis on continuing to learning the times tables ready for the Multiplication Tables Check and transition into year 5.

PE—The focus this half term is striking and fielding games. This will be on a Wednesday.

French—We will be learning about the weather and different ice-cream flavours.

DT— We will be focusing on structures and constructing a pavilion.

RE— What do religions teach us about how we should care for the world?

We will also be visiting Middlewich Library and arranging an educational visit for the pupils.

