



Year 2 Summer 1

Knowledge Organiser



Geography

This half term in geography we will be exploring human and physical features and using these to describe similarities and differences between our local area and a Non-European country.

Key Knowledge

Oceans, coasts and vegetation (plants) are examples of physical features.

Ports, harbours and canals are examples of human features.

Key Vocabulary

Ocean

Coast

Vegetation

Valley

Port

Harbour

Canal

Science

In science this half term we are learning all about living things and their habitats. We will be looking at the difference between dead, alive or never been alive as well as searching for habitats, including microhabitats.

Key Knowledge

All objects are either living, dead or have never been alive. Living things are plants (including seeds) and animals. Dead things include dead animals and plants and parts of plants and animals that are no longer attached e.g. leaves and twigs, shells, fur, hair and feathers. An object made of wood is classed as dead. Objects made of rock, metal and plastic have never been alive.

Animals and plants live in a habitat to which they are suited, which means that animals have suitable features that help them move and find food and plants have suitable features that help them to grow well. The habitat provides the basic needs of the animals and plants - shelter, food and water. Within a habitat there are different micro-habitats e.g. in a woodland - in the leaf litter, on the bark of trees, on the leaves. These micro-habitats have different conditions e.g. light or dark, damp or dry. These conditions affect which plants and animals live there.

Key Vocabulary

Living

Dead

never been alive

suitable

food chain

Names of local habitats e.g. pond, woodland etc.

Names of micro-habitats e.g. under logs, in bushes

Art

In art this half term we will be exploring the term 'mixed media' and using different media to create our own "Tree of Life" inspired by the artist Gustav Klint.

Key Knowledge

Mixed media is a term used to describe artworks composed from a combination of different media or materials.

Key Vocabulary

Mixed media

Medium

Media

Music

In music this half term, we will be learning some African call and response songs and then composing our own.

Key Knowledge

A call is sung first and a response after.

Dynamics can change the effect a sound has on the audience.

The long and short sounds of a spoken phrase can be represented by a rhythm.

Structure means the organisation of sound within music.

The tempo of a musical phrase can be changed to achieve a different effect.

Key Vocabulary

timbre

tempo

rhythm

dynamics

call and response

structure

Computing

In computing this half term we are looking at different way to present ideas using technology. We will explore E-Books, concept maps and quizzes and then present a story to the class using one of the chosen formats.

Key Knowledge

An E-Book is an electronic version of a printed book that can be read on a computer or a specifically designed handheld device.

A mind map is a tool for organizing and representing knowledge.

A presentation is a way of displaying information about a subject to an audience.

Key Vocabulary

Presentation

Fact

Fiction

Non-fiction

E-Book

Node

Mind map

PSHE

This half term in PSHE we will be looking at what things are private and what private means as well as how to respond if physical contact makes them feel uncomfortable.

Key Knowledge

Private mean something belongs only to you.

Parts of the body covered by underwear are private.

You must tell someone if something makes you feel uncomfortable.

Key Vocabulary

Private

Uncomfortable

RE

This half term we are learning all about the sacred spaces in Judaism.

Key Knowledge

A synagogue is where Jewish people come to pray, study the Torah, and come together for events.

Shabbat is the Jewish Day of Rest.

Key Vocabulary

Shabbat

Rabbi

Other relevant information for this half term

English—This half term, we are reading and retelling 'Lila and the secret of rain', 'Goldilocks and just the one bear' and 'The bear and the piano'.

Spelling— It is vital that children learn the year 2 common exception words and know the spelling rules associated with these words to apply to new and unfamiliar spellings. We will study these spellings at school 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 may need to stay in at breaktime to read with an adult.

Maths— We are starting to look at fractions this half term. You could continue to practice your times tables on Times Tables Rock Stars!

PE—Our PE topic is 'athletics'. PE this half term will be in a Wednesday, but the children must have their full PE kits available in school every day.

DT—Our DT project is based on structures. We will spend our time making a stable structure for Baby Bear to sit on.