

Year 6 Curriculum Map

Spring 2019

ICT

The children will extend their skills this term and will cover areas such as: coding, data bases, spread sheets and modelling. They will become 'Digital Detectives' and cover work on the importance of on-line safety.

English

Reading: We will draw inferences about the characters' feelings, thoughts, emotions and actions. The children will read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks. We will also read books that are structured in different ways.

Comprehension: We will continue comprehension activities to support the development of retrieving and recording information from non-fiction texts.

Writing: This term, we will develop our writing skills by discussing writing, similar to that which we are planning to write, learning from its structure, vocabulary and grammar. During the term, we will be developing our skills in grammar, selecting appropriate grammar and vocabulary and understanding how such choices can change and enhance meaning.

Art/DT

The children will be developing their skills of using perspective, when creating art with a range of mediums.

MATHS

Fractions (including decimals and percentages)

- divide proper fractions by whole numbers
- associate a fraction with division and calculate decimal
- multiply one-digit numbers with up to 2 decimal places by whole numbers
- use written division methods in cases where the answer has up to 2 decimal places
- recall and use equivalences between simple fractions, decimals and percentages, including in different contexts

Ratio and Proportion

- solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts
- solve problems involving similar shapes where the scale factor is known or can be found
- solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

Measurement

- solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate
- use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places
- convert between miles and kilometres
- recognise that shapes with the same areas can have different perimeters and vice versa
- recognise when it is possible to use formulae for area and volume of shapes
- calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units e.g. mm^3 and km^3 .

P.S.H.C.E.

This term we will have a strong focus on our Prep production. Children will be learning their lines and building their confidence when speaking publicly.

HISTORY

Throughout the term the children will be developing their knowledge on the Roman Empire. They will research, the Roman Empire by AD 42 and the power of its army as well as Julius Caesar's attempted invasion in 55-54 BC. The focus of British invasion will continue by studying British resistances of the time as well as the successful invasion and conquest by Claudius. Roman technology, culture and beliefs will be explored through the 'Romanisation' of Britain. The

SCIENCE

Our Science topic will be Living things and their habitats, where we will spot how animals are categorised based on observable common characteristics as well as their similarities and differences. We will also investigate different animals and plants in the immediate environment and discuss reasons why living things are placed into one group and not another. The children will explore the work of Carl Linnaeus and how his pioneering work in classification influenced categorising and grouping living things. As well as common characteristics, the children will classify animals and plants based on specific characteristics and be introduced the idea that broad groupings can be further subdivided in animals and plants including micro-organisms.

After half term, we will be focusing on 'Animals including humans'. The children will investigate that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. We will recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. As well as inheritance, the children will identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

GEOGRAPHY

This term the children will continue to develop their geographical skills using maps, atlases and globes, further developing their understanding of the lines of latitude and longitude. Our focus this term will be the major mountains found within the U.K as well as around the world. We will look at how mountains are formed, their main features as well as climates associated.