

Maths

Year 1 - Addition and subtraction. read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs represent and use number bonds and related subtraction facts within 20. Add and subtract one-digit and two-digit numbers to 20, including 0. Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $5 = ? - 4$.

Year 2 - Apply the increasing knowledge of mental and written methods to solve addition and subtraction problems by using concrete objects and pictorial representations. Fluently use addition and subtraction facts to 20, while using related facts up to 100. Recognise that the addition of two numbers can be done in any order, while subtraction of one number from another cannot. Know the inverse relationship between addition and subtraction. Use it to check calculations and solve problems with a missing number.

Year 1/2 shape - Compare and sort the properties of 2D and 3D shapes. Describe the number of sides and line of symmetry in a vertical line.

Computing - Digital painting

The children explore the world of digital art and use a range of creative tools to create their own paintings.

English

This half-term we will be basing our writing around the two books: *My Day at the Zoo* by Jay Dale and *Snow in the Garden* by Shirley Hughes. The half-term, the children will be writing a recount about their trip to Paignton Zoo and instructions for how to make a Christmas decoration. During both units, we will be focussing on sentence structure, punctuation, and vocabulary.

Webburn
Topic Map
Autumn 2



Science - Everyday Materials - Year 1

This unit teaches the children about everyday materials including wood, plastic, metal, water and rock. Children will learn to identify and name everyday materials and will have the opportunity to explore the properties of these materials.

P.E.

Health and Fitness

- Circuit training
- Health and skill related fitness

Geography - In geography, we will be answering the question: Why don't penguins need to fly? Children will be taught to understand the importance of location in relation to the Equator and poles in determining weather and climate, which in turn have such an influence on shaping the natural geographical features of environments. Pupils will come to understand the distribution of hot and cold places in the world and how living things have to adapt to survive in such places - the more extreme the environment, the more specialised the adaptation.

World Views (RE) This half-term we will be looking at the question - What does it mean to belong to a faith community?

Music - Carnival of the animals!

We will listen to Saint Saens *Carnival Of The Animals* and respond in movement, dance and sound. We will create our own animal pieces with pitched and unpitched percussion using the Related Dimensions of Music. We will investigate the instruments that make up a symphony orchestra, listen to them, mimic them and categorise them in families (woodwind, brass, percussion and strings).

Skills developed - understanding music as a descriptive tool, using simple instruments to create relevant rhythm and melody, understanding the make-up of a classical orchestra, performing together.

PSHE - Celebrating differences.

Know that people have differences and similarities. Know what bullying means. Know who to tell if they or someone else is being bullied or is feeling unhappy. Know skills to make friendships. Know that people are unique and that it is OK to be different