

RYHALL CE ACADEMY

Year Group / Class

Year 5: Spring 1

Computing

Focus: Computer Science

Children will learn how to translate Algorithms into code and create their own.

Maths

Key Facts: Recall timetables up to 12 x 12

Multiplication and Division:

Children will recap how to use written methods such as short multiplication and short division using four digit numbers. They will then learn the skill of long multiplication, learning how to multiply two digits by two or more digits.

Fractions:

Children will be working with fractions, finding equivalent fractions using concrete resources. They will then work on being able to order and compare fractions, as well converting fractions from improper to mixed number and back.

(Please see our Calculation Progression document on our website for Addition and Subtraction strategies.)

Science

Biology: Animals Including Humans

Children will learn to describe the changes as humans develop to old age. They will create a timeline to indicate stages in the growth and development of humans. They will also learn about the changes experienced in puberty.

Working Scientifically:

Pupils will work scientifically by researching the gestation periods of other animals and comparing them with humans; by finding out and recording the length and mass of a baby as it grows.

(Please see Science knowledge organiser for essential knowledge and vocabulary to be learnt.)

Topic Name:

I'm a year 5 pupil, get me out of here!

Music:

Pop Ballard's: Make you feel my love

PE

Focus:

Boccia, Dodgeball and Tag Rugby

PSHE

Focus: Being involved in my Community

Literacy

Key Text: The Vanishing Tree & Tyger by William Blake

Purpose for writing: To Persuade and To Entertain

Writing: Children will learn how to create a formal letter to persuade based on the book the Vanishing Tree, asking our government to be more active with dealing with deforestation. They will then learn how to create a poem, which is inspired by those of William Blake's.

Grammar: Children will work on creating a cohesion toolkit, in which they can use when doing bigger pieces of writing and learn ways of ensuring their work makes more sense and reads more maturely.

Word Reading / Comprehension: Children will focus on how we can infer from the text and how we can make predictions based on the information we have gained from the text.

Geography

Focus: Rainforests and The Amazon

Children will learn all about the layers of the rainforest, looking at the climate of a rainforest. They will be able to locate the worlds tropical rainforests on a map, knowing that they are mostly located near the equator. Children will also look into the work of David Attenborough and what we have learnt about the rainforests from his work.

(Please see History knowledge organiser for essential knowledge and vocabulary) to be learnt.)

Art

Focus: Painting and Collage Children will continue to develop their ability to use a paintbrush using a variety of techniques and methods. They will develop their knowledge of the colour wheel, to create new tones.

Artist Study: They will develop their knowledge on two artists (Van Gogh & Henri Rousseau), using their artwork as inspiration for their own. They will create a piece of artwork inspired by Van Gogh's Sunflower.

RE

Focus: What does it mean if God is Holy and Loving?

French

Focus:

Basic Words and phrases