

RYHALL CE ACADEMY

Year Group / Class

Year 5: Summer 1

Computing

Focus: Information Technology

Children will learn how to make improvements to digital solutions, making their own program to meet a certain design brief.

Maths

Key Facts: Recall timetables up to 12 x 12

Decimals: Children will learn how to add and subtract decimals through one. They will then learn the skill of adding decimals with more than one decimal place, as well as dividing and multiplying decimals by 10, 100 and 1000.

Geometry– Properties of Shape: Children will start off by re-capping angles and the names. They will then go onto learning the skill of measuring angles using protractors and having ago at drawing specific angles using these skills and knowledge.

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

Science

Physics: Forces Children will explore falling objects, the effects of air and water resistance. They should experience forces that make things begin to move, get faster or slow down. They will explore the effects of friction on movement and find out how it slows or stops moving objects, for example, by observing the effects of a brake on a bicycle wheel. Pupils should explore the effects of levers, pulleys and simple machines on movement.

Working Scientifically: They will explore falling objects, designing and making a variety of parachutes and carrying out fair tests to determine which designs are the most effective. They will also do tests for air and water resistance. **(Please see Science knowledge organiser for essential knowledge and vocabulary to be learnt.)**

Topic Name:
Location, Location, Location

Music:

Motown: Dancing in the street

PE

Focus:

Dance
Quadkids Athletics

PSHE

Focus: Looking at the world

RE

Focus: What did Jesus do to save Human Beings?

French

Focus:

More ambitious vocabulary

Literacy

Key Text: Swallows and Amazons & Journey to the Centre of the Earth (Graphic Novel)

Writing: Children will create a recount text based on Swallows and Amazons, really thinking about what has happened and the best way to re-tell that. They will also create a newspaper article to discuss about their journey to the center of the Earth, reporting on what it was like.

Purpose for writing: To inform and To discuss

Grammar: Using a colon for a list, modal verbs, using commas to avoid ambiguity.

Word Reading / Comprehension: Children will continue to build upon their retrieval skills, as well as being able to explain answers to questions about the texts. Building upon the rest of VIPERS also.

History

Focus: Local Study

Children to learn all about the local area surrounding school (Ryhall), and the County (Rutland), learning about the history of how it has changed within appearances and ways within society. Knowing how the local area has evolved over time and what notorious events have happened within the local area/county and how that has shaped what it is like in Ryhall/Rutland today.

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

Art

Focus: Drawing Children will continue to develop their control of a pencil by drawing simple outlines of objects that they have observed. They will learn how to fully utilise a range of dry media, experimenting with various ways of mark making and the use of tones to create different desired outcomes.

Artist Study: Peter Thorpe Space Art Children will study the works of Peter Thorpe and his notorious space art. They will create a sky scrape inspired by his work using some of his techniques and styles to create their own.