

# RYHALL CE ACADEMY

## Year Group / Class

**Year 5: Autumn 1**

### Computing

**Focus:** Developing their understanding of the structure of coding in terms of debugging and being able to utilize a search engine.

### Topic Name:

**ARGONAUTS, MONSTERS & MINOTAURS**

### Music:

Rock Music (Livin' on a Prayer)

### PE

**Focus:**  
Football and Netball

### PSHE

**Focus:** Managing friendships and peer influence  
Physical contact and feeling safe  
Responding respectfully to a wide range of people; recognising prejudice and discrimination

### Maths

**Key Facts:** Recall timetables up to 12 x 12

**Place value:** Children will continue to develop their knowledge on larger numbers, working with numbers up to one million, developing skills of ordering, comparing and rounding.

**Addition and Subtraction:** Children will continue to build on their knowledge of adding and subtracting using formal written methods as well as adding increasingly large numbers mentally. They will start to add and subtract 4-digit numbers with more than one exchange.

**Statistics:** Children will build on their knowledge of reading and interpreting tables and graphs, as well as drawing their own.

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

### Science

#### Chemistry: Properties and Their Materials

Grouping materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. They will describe how some changes to materials such as dissolving, mixing and changes of state are reversible and how some are irreversible, such as burning wood, rusting. They will know how mixtures may be separated through filtering, evaporation and sieving and that some materials dissolve in a liquid and form a solution whilst others are insoluble and form sediment.

**Working Scientifically:** carrying out tests to answer questions, for example, 'Which materials would be the most effective for making a warm jacket, for wrapping ice cream to stop it melting?'

**RE Focus:** What kind of King was Jesus?

### French

**Focus:** Phonetics 1 to 3 (C) Selection of Core Vocabulary lessons

### Literacy

**Key Text:** *FarTher* by Grahame Baker-Smith and *Greek Myths* by Marcia Williams

**Purpose for writing:** Setting Description and News Paper Report

**Grammar:** Children will develop ways of using adjectives and high-level vocabulary in creating an imagine in the 'Minds Eye'. Adding detail to the text using a range of literary features such as similes and metaphors, to up-level the writing. Using features with the audience in mind, trying to create a piece of writing that they will enjoy and be entertained by. They will also develop the skill of writing in the style of a Newspaper using all the relevant features.

**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.

### History

**Focus: Who were the Ancient Greeks?**

Children will learn the chronology of the Ancient Greeks and will learn about life at this time for people living in Greece. They will learn in the summer term, all about the history of the local area and how this differs and has been impacted by the actions of the Ancient Greeks.

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

### Art

**Focus: 3D Modelling (with clay)**

Children will focus on creating 3D sculptures, inspired by the ancient Greeks narrative vases and masks.

**Artist Study:**

Children will study the works of Svend Bayer and Grayson Perry, taking inspiration for their clay sculptures.