

**St Mary Queen of Martyrs Voluntary Catholic Academy**

**Term: Summer 1**

**Year Groups: 5 and 6 (Phase Three)**

**English**

**Year 5 Reading**

We will be reading *The Nowhere Emporium* by Ross MacKenzie, and other short extracts to build up our vocabulary and hone our skills in inference, prediction, explanation, retrieval and summary.

**Year 5 Writing**

Children will be writing poetry and fantasy stories using *Jack O'Lantern*. They will also be writing information texts about the Ancient Egyptians.

**Year 6 Reading**

We will be reading different versions of *The Tempest* and make comparisons. We will also read various short extracts and use these to develop a range of skills including inference, prediction and summary.

**Year 6 Writing**

Children will be re-writing the opening scene from *The Tempest* as well as planning and writing a twisted tale (based upon a well-known fairy tale). They will also conduct research before planning and writing a balanced argument linked to cycle safety.

**Maths**

Pupils will learn and practise how to:

**Year 5**

- Add and subtract fractions with different denominators and mixed numbers.
- Multiply fractions by whole numbers.
- Find fractions of amounts.
- Identify, measure and draw angles.
- Calculate missing angles on straight lines and around points.
- Describe and classify regular and irregular polygons.

**Year 6**

- Estimate angle size, measure and draw angles and calculate missing angles.
- Calculate the perimeter and area of rectangles and rectilinear shapes.
- Calculate the area of triangles and parallelograms.
- Describe and perform translations and reflections.
- Simply fractions and recognise equivalence.
- Compare and order fractions including those with different denominators.

**Religious Education**

**Units covered by Class NHC:** Freedom and Responsibility and Transformation

**Units covered by Class LA/DL and Class SP:** Healing and Witnesses

**History**

Pupils will learn about the location of ancient civilisations and be able to order them chronologically. Pupils will then complete a study into Ancient Egypt. They will use sources of evidence and conduct research to understand Ancient Egyptian society, key events and figures and the importance of The River Nile.

**Science**

Pupils will:

**Class LA/DL (Electricity):**

- Use recognised symbols when representing circuits in diagrams.
- Understand how the number of cells used or voltage within a circuit affects the performance of electrical components.
- Investigate other factors which affect how components function.

**Class NHC and Class SP (Living things and their habitats):**

- Understand the similarities and difference between sexual and asexual reproduction in some animals and plants.
- Understand partial and complete metamorphism in insects and amphibians.
- Research using secondary sources how the life cycles of some mammals, birds, reptiles and insects differ.
- Group and classify animals into their Kingdoms depending upon the stages in their life cycles.

### Design and Technology

#### Children will be:

- Designing a fairground ride/attraction using engineering skills; completing electrical and technical drawings, using codes and a key.
- Selecting tools and equipment suitable for a chosen design.
- Evaluating by looking into engineering which shaped the world
- Enhancing their technical knowledge in order to improve designs and models.

### Personal, Social, Health and Citizenship Education

#### Children will learn about relationships by:

- Identifying their personal qualities and how to build self-esteem.
- Exploring how to be safe and respectful when using online communities.
- Examining their own relationship with technology.

### Computing

**Children in Class LA/DL** will learn to code and make animated story books using the online programme Scratch.

**Children in Class SP and Class NHC** will learn about and create their own podcasts using iPads and Chromebooks.

### Modern Foreign Languages - French

#### Children will build upon their speaking, listening, reading and writing skills by:

- Learning about various fruits, vegetables and food items, through a variety of activities culminating in learning how to order food and drink within "dialogues in a café."
- Learning about dates and seasons in French.

### Music

#### Children will be:

- Listening with attention to detail and recalling sounds.
- Accurately describing and appraising music
- Using the standard musical notation of crotchet, minim and semibreve to indicate how many beats to play.
- Performing solos or as part of an ensemble
- Singing or playing expressively and in tune

### PE

This half term the children will study the unit Striking and Fielding Games and develop the following skills:

- Catching and throwing
- Striking a ball with power and accuracy
- Bowling a ball with accuracy

They will apply these skills within game situations and learn key rules and tactics related to the sports of cricket and rounders.