

# Class 4

# Summer 2024

Curriculum

# Class 4 - Year A Summer Term

## Science

### **Evolution and inheritance**

Recognise that living things have changed over time and that fossils provide information.. Recognise that living things produce offspring of the same kind, considering inheritance and variation. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

### **Animals including humans**

Describe the changes as humans develop to old age.

## Computing

Concept Maps - why visual representation of ideas are useful, how to arrange and connect stages using nodes. Using concept mapping to present ideas. ( 3D Modelling - using 2D design, consider how to create in to 3D model. Using 3D tools edit polygons. Print net to create 3D models. External devices - understand inputs to device and possible controls. Design program to monitor inputs. Test debug and improve. Consider real-world applications.

## PE

**Athletics:** Developing athletic performance and skills through a range of throwing and jumping sports.

**Net and wall games:** Tennis

**Striking and fielding:** cricket and rounders

## English

We will continue to develop our reading and writing skills using the following genres and stimuli:

**Diary recount** based on *Hermelin* by Mini Grey

**Biography** based on key Victorian figures e.g. Isambard Kingdom Brunel and Charles Darwin

**Victorian Poetry** by Walter de la Mere, Edward Lear  
limericks,

## Geography: Coasts

**Locational Knowledge:** Identify key places on a map (IOW) and specific coastal features.

**Place knowledge:** What are the key features of coastal areas?

**Human and physical processes:** Learn about how coasts change and why.

## RE

**God - What does it mean if God is Holy and loving?**

Make clear connections between Bible texts studied and what Christians believe about God; Explore how teachings about God as holy and loving might make a difference in the world today.

**Islam - Revelation**

What does the Qur'an reveal about Allah and his guidance?

## PHSE

**Health and Wellbeing:** How can we keep healthy as we grow?

To know how their bodies change as they approach puberty

To recognise as they approach puberty how individuals' emotions change at that time and how to deal

with their feelings towards themselves, their and family and others positively

To be aware of harmful sexual behaviours and how to address them including when to seek help.

To know about the reproductive organs and process

## Music

### History:

#### **Victorian Innovation**

What the Victorians invented and created. How we continue to benefit today. The idea of non-working time and how leisure time was spent. How this varied across demographics of the population.

Phonics

Reading

### Design & Technology

**Structures/Mechanism:** What would Victorian houses have looked like with indoor electric lighting?

**Food & Nutrition:** Victorian delicacies

Spelling

### Art & Design

Drawing & Textiles :  
Shadow puppets.

Linked to Victorians

Collective Worship

## Maths

**Statistics:** using data and solving problems

**Number:** ratio and proportion (year 6)

**Number:** algebra, decimals, negative numbers

**Geometry:** position & direction

**Measurement:** converting units