

## Home Economics

The pupils will develop an understanding of what comprises a healthy diet. Their culinary skills will also be developed through the cooking of a variety of dishes and evaluate the dishes based on the nutritional value.

## Mathematics

- Mental and written methods for addition and subtraction.
- Fractions, decimals and percentages.
- Prime, square and cube numbers.
- Using fractions as operators for multiplication and division.
- Using scaling for multiplication and division.
- Reflecting and translating 2D shapes, identifying 3D shapes.
- Angles.

## Art & Design

In this unit children explore the craft tradition of making vessels and containers. They develop their own designs and build a three-dimensional form to represent a vessel or container that will hold something special that they would wish for. They consider examples by contemporary designers and ceramicists and look at work from different cultures. Creating designs for containers. Building or constructing containers using different materials. Embellishment of containers.

## Computer Studies

This unit engages the children in the theme of the story *The Railway Children*, which was published in 1906. The children learn more about the World Wide Web and the internet. They understand that the internet is a massive network of computers sharing information and following a common way of communicating, called a protocol. As the children develop their understanding of how computers work, they learn about how data are transported on the internet as ones and zeros in packets. These packets are delivered to different computer addresses called 'IP addresses'. *The Railway Children* was published in Edwardian times but explores the Victorian theme of technological innovation. The children consider how technology has changed with time and whether all new technology is beneficial.

## English

- Exploring language through descriptive, persuasive and figurative devices in the mass media and poetry.
- Analysing media communication techniques, with focus on the influence of the audience in creating media and poetic pieces.
- Thinking imaginatively and using literary devices (similes, metaphors, personification, etc.) to create and understand engaging poems.
- Reading to retrieve, deduce and infer information from various texts; explaining words in the context they are used; summarising main ideas...

# Year 5 Curriculum Overview Lent 2020

## French

- Qu'est-ce qu'il y a dans ta ville? What are the things/places in your city? Naming different important places in your city, such as: hospitals, cinemas, bakeries, restaurants, pharmacy, etc.
- Où la boulangerie? Where is the bakery located? Locating places by following given directions, as in walk straight down, turn high, turn left e.t.c.
- Les moyens de transport. Means of transportation. Discussing different means of transportation in line with the correct prepositions, e.g. pied, en voiture, etc
- Faisons les courses, Going shopping
- Mastering monetary calculation and negotiations while shopping.

## Geography

Traffic and transportation on the high streets

## Music/Drama

**(Music)**-Song writing

- Composing 4 Bar rhythms
- Constructing major scale
- Work on Matilda! Music

**(Drama)**-Introduction to Monologue  
Exploring Voice, Facial expression and body language.

## Science

- Properties and Changes of Materials
- Compare and group everyday materials on the bases of their properties including hardness, solubility, transparency, conductivity ( electrical, thermal and magnetic.)
- Investigate solubility of some substances and describe how to recover a substance from a solution.
- Explore reversible changes: Separation of mixtures including through filtering, sieving, evaporating, melting, dissolving, mixing and changes of state.
- Give reasons based on evidence from comparative and fair tests for particular use of everyday materials including metals, wood and plastic.

- Explore irreversible changes like burning, effect of acid on bicarbonate of soda.
- Find out scientists who created new material like who invented the glue for sticky note.

## History

Anglo-Saxons

What they brought

How they changed life

Lifestyle

## P.H.S.E.

A range of topics including New Beginnings, Getting On and Falling Out and Bullying

## Physical Education

**Sports Day Practice:** Selecting pupils for running, jumping, throwing and other Sports Day activities.

**Basketball:** They develop skills in finding space and keeping control of a ball and use a basic court set -up.

**Swimming:** Teaching to improve water skills through range of activities like blowing bubbles on front and back, streamline position, breakout, kicking and pulling whilst developing proper breathing techniques across all strokes. Basic safety & survival skills, basic water Polo skills.