



Kingsley CP Curriculum overview

Year 4 Summer 1

Science:

In Science, we will be learning all about humans and animals but focusing in on the different types of teeth there are and the different functions they all have. We will explore the digestive system and how food is transported from the teeth through the body and finally out of the anus. We will then finish by exploring food chains and how producers and prey fit in to these chains.

Key knowledge:

- describe the simple functions of the basic parts of the digestive system in humans
- identify the different types of teeth in humans and their simple functions
- construct and interpret a variety of food chains, identifying producers, predators and prey.

Key vocabulary:

Canine
Molar
Incisor
Digestion
Oesophagus
Small/large intestine
Producer/prey

Art & Design

In art and design, we will be developing our painting skills. We will be creating artistic sketches of forest landscapes then bringing them to life by adding colour using watercolour paints. We will be researching the artist Claude Monet (French painter (oil paints) and founder of French Impressionist painting) to support our development of skills and ideas.

Key vocabulary:

Primary colours
Secondary colours
Complimentary colours
Blocking
Control
Layering
Texture

Key knowledge:

- Confidently control types of marks made and experiment with different effects
- Start to develop a painting from a drawing.
- Begin to choose appropriate media to work with.
- Use light and dark within painting and show understanding of complimentary colours.
- Mix colour, shades and tones with increasing confidence.
- Start to look at working in the style of a selected artist.

Geography:

In Geography, we will continue to learn about volcanoes and earthquakes. We will be looking closely at how they occur, volcano structure and develop an understanding of tectonic plates.

Key vocabulary

Volcanoes

Earthquakes

Tectonic plates

Lava

Earth's layers (inner/outer core, mantle, crust)

Key knowledge:

I can describe and understand key aspects of physical geography including volcanoes and earthquakes.

I understand the formation of volcanoes and how they erupt.

I can explain why and how earthquakes occur.

Religious Education

In Religious Education, we will be learning about Humanism. The children will learn that Humanism is a philosophy or a way of thinking about the world. Humanism is a set of ethics or ideas about how people should live and act.

Key knowledge:

- * To be able to know what Humanists think make us happy.
- * To know why Humanists believe humans are special and the capabilities humans have in life.
- * To know the Happy Human as a symbol of Humanism.
- * To know that happiness can be found in different ways - there is no one recipe.

Key vocabulary

Humanist

Humanism

Happy Human

Empathy



Computing

In Computing, we will be learning all about computer programming. The children will construct simple algorithms, test them, detect any errors and correct them before developing their games further.

Key knowledge:

Designs programs that accomplish specific goals

Designs and creates programs

Debugs programs that accomplish specific goals

Uses repetition in programs

Controls or simulates physical systems

Uses logical reasoning to detect and correct errors in programs

Key vocabulary

Algorithm

Program

Error

Command

Criteria

Copy and paste

Physical Education

In Physical Education, we will be playing competitive games and applying basic principles for attacking and defending - develop flexibility, strength, technique, control and balance.

Key vocabulary

Space

Possession

Footwork

Pressure

teamwork

Key knowledge:

I am aware of space and use it to support teammates and cause problems for the opposition.

I can catch with one hand.

I can they throw and catch accurately.

I can move to find a space when they are not in possession during a game

MFL

In French, we are learning all about different body parts, be able to describe aches and pains in those parts before moving on to learn nouns for different jungle animals.

Key knowledge:

I can recall parts of the body

I can explain why I don't feel well or what hurts

I can understand and remember jungle animal nouns

I can understand adjectives to describe jungle animals

I can write a simple sentence to describe a jungle animal

I can understand and write simple phrases and sentences to describe

Key vocabulary:

Les jambes

La tete

Les bras

Un tigre

Un serpent

Un elephant

Music

In Music this half term, we will be learning about pop music. We will be looking at music by the Beatles, learning the song Blackbird and discussing equality and civil rights.

Key vocabulary:

Pulse

Rhythm

Composition

Verse

Chorus

Key knowledge:

- To understand and discuss pop music looking at specific examples from the Beatles
- To confidently identify and move to the pulse.
- Talk about the music and how it makes them feel.
- When you talk try to use musical words.
- To communicate the meaning of the words and clearly articulate them.