

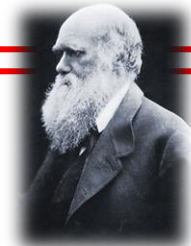


# Kingsley CP Curriculum Overview

## Year 6 Spring 2

### Science:

In Science, we will be learning about 'Evolution and Inheritance'. We will build on prior learning about the classification of different organisms, as well as exploring the 'Theory of Evolution', which was outlined by Charles Darwin in 1859. This is the process by which organisms change over time as a result of changes in inheritable physical or behavioural traits. We will be exploring how plants and animals have adapted to suit their different environments and how 'adaptation' is linked to evolution. Another key individual we will be learning about is Mary Anning, who made astounding fossil finds.



### Key knowledge:

- I can explain that living things have changed over time and how fossils can be a source of evidence for evolution.
- I understand that living things produce offspring of the same kind, but they may vary from their parents.
- I can explain how human evolution has occurred.
- I can recognise that adaptation and evolution are not uniform processes.
- I can identify how plants and animals are adapted to suit their environment.
- I can describe the difference between cross and selective breeding.

### Key vocabulary:

evolution  
inheritance  
adapt  
fossil  
organism  
biology  
selective breeding  
reproduction

### Design & Technology

In Design and Technology, we will be focusing on Textiles. We will be following the designing, making and production process to produce fabric phone holders, which have 3D rainforest animals on the front. As part of this, children will be required to measure and cut their own fabric shapes and join fabric pieces together using a range of stitching techniques.

### Key vocabulary:

needle  
thread  
pin  
template  
pattern  
hem  
seam  
reinforce  
different stitch names



### Key knowledge:

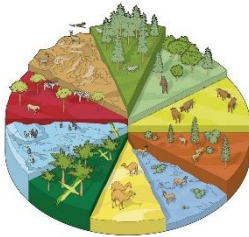
- I can indicate the features of my product that will appeal to intended users.
- I can use annotated sketches to develop and communicate my ideas.
- I can accurately measure, mark out, cut, shape, assemble, join, and combine materials and components.
- I can critically evaluate the quality of the design, manufacture, and fitness for purpose of my product.
- I know that a 3D product can be made from a combination of fabric shapes.
- I know that materials have both functional properties and aesthetic qualities.

## Geography:

In Geography, we will be continuing our focus on the continent of South America, this time with a main focus on the Amazon Rainforest. We will be exploring the climate of the rainforest based on its location and how this suits its inhabitants. We will learn about other biomes in the world, the water cycle including transpiration and how human activity can impact upon different locations.

### Key vocabulary

emergent layer  
canopy  
understory  
forest floor  
biome  
climate  
vegetation belts  
deforestation  
biodiversity



### Key knowledge:

- I can identify that the tropical rainforest is the oldest biome in the world - which is why it has such a variety of animals.
- I can explain how the lines of latitude and longitude affect a country's climate.
- I can describe the stages involved in the water cycle.
- I can identify how the rainforest is involved in economic activity and how its resources are distributed.
- I can explain how humans can impact upon natural resources

## Religious Education

In Religious Education, following on from learning about how and why Christians worship, we will be exploring how and why Sikhs worship. We will be exploring how the Gurdwara is pivotal within the Sikh community and what are its three main purposes. As part of learning about Sikhism, we will discover artefacts linked to the religion and what is involved in worship.

### Key knowledge:

- I can explain that the Gurdwara is the place of worship for Sikhism and can describe what can be found there.
- I can suggest ways in which Sikhs worship, including what happens at the Langar.
- I can explain how community is important within the Sikh religion.



### Key vocabulary

Sikh  
Sikhism  
worship  
Langar  
Gurdwara  
Guru Granth Sahib  
artefact  
Shri Harmandir Sahib  
hymn

## Computing

In Computing, we will be building upon prior work on 'coding'. Our focus will be on using the program, 'Scratch', to design and produce a game. As part of this, we will be developing our accuracy with programming sets of commands and debugging where needed.

### Key knowledge:

- I can create animations in 'Scratch'.
- I can code and program a series of instructions.
- I can plan and produce an interactive game.
- I can debug programs.
- I can save and retrieve my work in progress.
- I can use technology safely, respectfully, and responsibly.

### Key vocabulary

programming  
coding  
debugging  
save  
retrieve  
network  
device  
security  
download



## Physical Education

In Physical Education, during our indoor sessions we will be focusing on gymnastics. During outdoor PE, we will be developing our team game skills through tag rugby. There is a real focus on developing generic skills, such as strength, control, and flexibility, which are transferable across many sporting activities. Gymnastics will include developing balance and control, focusing on movements in isolation, before building them sequentially. Tag rugby sessions will involve skill-based drills, with a view to transferring them to games-based situations.

### Key vocabulary

flexibility  
control  
strength  
balance  
tackle  
resilience  
perseverance  
pass  
co-ordination  
communication



### Key knowledge:

- I can use running, throwing, and catching in isolation and in combination (during game-based scenarios).
- I can participate in competitive games and apply basic principles for attacking and defending.
- I can develop my strength, technique, and control.
- I can develop and refine flexibility,
- I can improve my control and balance.

## MFL

In French this half term, we will be developing our knowledge, understanding and linguistic skills through the topic of funfairs. We will be learning about adjectives to describe the rides, and work on our ability to use spoken and written sentences in the target language to express our opinions.

### Key knowledge:

- I can use my language skills to begin to understand unfamiliar nouns.
- I can say and write sentences about myself.
- I can listen to and understand sentences spoken by others.
- I can use adjectives to describe the rides.
- I can express opinions of rides and funfairs.



### Key vocabulary

J'aime - I like  
J'adore - I love  
Je n'aime pas - I don't like  
c'est - It is  
ça fait - that makes  
rapide - fast  
lent - slow  
doux - soft  
très - very  
peur - fear

## Music

In Music, we will be exploring the music of Carole King, listening to, and appreciating 70s style pop and ballad music. We will learn about how some songs, which have been written many years ago, stand the test of time and are still enjoyed today; some people cover the songs of other artists, with some adaptations for modernisation.

### Key vocabulary

melody  
compose and improvise  
pulse  
rhythm  
pitch  
tempo  
dynamics  
timbre  
texture  
hook  
riff  
unison

### Key knowledge:

- I can discuss the structure of a piece of music.
- I can identify the instruments used.
- I can sing in unison.
- I can play instrumental parts by ear, or from notation.
- I can improvise using three different notes.
- I can perform to an audience.

