



# Kingsley CP Curriculum overview

## Year 4 Spring 1

### Science

In Science, we will be learning about animals including humans and a fun scientific experiment about tooth decay.

#### Key knowledge:

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

#### Key vocabulary:

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

### Art or Design & Technology

In Art, we will be following the 5 step process to develop skills linked to sculpture. They will look at sculptures and famous sculptors from across History and will focus upon Roman sculptures including baths, the Colosseum and pottery. They will explore the patterns and pictures that Romans used on the pottery and will learn how to use techniques such as coiling to make their own design.

#### Key vocabulary:

armature	modroc
maquettes	kneading
slip	modelling
frame	construct
coil	clay
patterns	papier-mache
texture	
carving	

#### Key knowledge:

- Work in a safe, organised way, caring for equipment.
- Use recycled, natural and man-made materials to create sculptures.
- Adapt work as and when necessary and explain why.
- Gain more confidence in carving as a form of 3D art.
- Use language appropriate to skill and technique.
- Demonstrate awareness in environmental sculpture. Also, show awareness of the effect of time upon sculptures.

## History

In History, we will learn about the Roman invasion of Britain and its impact on the lives of the Celts. They will consider whether the Roman settlement was a positive experience for all involved, and explore the long-term legacy of the invasion.

### Key vocabulary

Rome	chariot
Italy	gladiator
mosaic	soldiers
history	Julius Caesar
timeline	Boudica
numerals	Empire
Colosseum	
Amphitheatre	

### Key knowledge:

- To develop a chronologically secure knowledge and understanding of British history
- To address historically valid questions about change, cause and significance
- To construct informed responses that involve the thoughtful selection and organisation of historical information
- To understand how our knowledge of the past is constructed from a range of sources
- To note connections, contrasts and trends over time and develop the appropriate use of historical terms
- To address and devise historically valid questions about similarity and difference.

## Religious Education

In Religious Education, we will continue to learn about Christianity. Our main focus question is 'How did Jesus teach about god and values through parables?' They will begin with a recap about the stories Jesus told before learning about new parables such as The Tax Collector and the Pharisee and The Friend at Midnight and the lessons Christians learn from such parables.

### Key knowledge:

- Describe how Christians live their lives as disciples
- Describe and suggest reasons why Christians call Jesus, Saviour.
- Explain the concept of salvation.

### Key vocabulary

parable	disciples
Samaritan	saviour
lost Parables,	salvation
prodigal son,	
Bible	
Jesus	
stories	
teaching/lessons	

## Computing

In Computing, we will be creating programs by planning, modifying, and testing commands to create shapes and patterns. We will use Logo, a text-based programming language.

### Key knowledge:

- To identify that accuracy in programming is important
- To create a program in a text-based language
- To explain what 'repeat' means
- To modify a count-controlled loop to produce a given outcome
- To create a program that uses count-controlled loops to produce a given outcome

### Key vocabulary

Programming	Variable
Coding	Testing
Debugging	Sensor
Algorithm	Software
Sequences	
Loops	
Repeat	
Controlled loop	
outcome	

## Physical Education

In Physical Education we will be developing our floor work in gymnastics and skills in net and wall games.

### Key vocabulary

Control  
Precision  
Poise  
Fluency  
Fluid  
Movement  
Concentration  
Confidence  
Forehand  
Backhand  
Volley  
Rally

### Key knowledge:

#### Gymnastics

- To perform and backwards roll
- To create a sequence that involves a change in direction
- To create a perform a paired sequence
- To refine and improve a sequence

#### Net and wall

- To consolidate a forehand shot
- To develop a backhand shot
- To develop the volley shoy
- To perform a variety of shots

## MFL

In MFL, we will be learning about our family and faces

### Key knowledge:

- I can understand nouns for members of a family
- I can ask 'Who is it?' and give a response with a family member noun
- I can understand and say some nouns for parts of the face
- I can understand some simple sentences using nouns and colours about the face
- I can write a simple sentence to describe the colour or a part of the face

### Key vocabulary

- Asking who someone is?  
This is .....
- mum/ brother / sister/ dad  
/ grandma / granddad / friend
- Who are you?
- Parts of the face I have  
Giving hair and eye colour

## PSHE

In PSHE we will be looking at important things we can do to keep ourselves safe.

### Key knowledge:

- To define the terms 'danger', 'risk' and 'hazard' and explain the difference between them
- To suggest strategies for managing dares.
- To suggest people they can ask for help in managing risk.
- To explain safety issues for medicine use
- To know and explain strategies for safe online sharing;
- To understand and explain the implications of sharing images online without consent

### Key vocabulary

Danger  
Risks  
Dares  
Medicine  
Online  
Images  
Consent  
conflict