



# Kingsley CP Curriculum Overview

## Year 2 Spring 2

### Science:

In Science, we will be learning about...

...everyday materials. We will name them and manipulate them to see which can bend, squash, stretch and twist.

#### Key knowledge:

Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

We will investigate the waterproofness of different materials and decide on appropriate investigative questions to answer.

#### Key vocabulary:

bend   squash   stretch   twist  
paper   wood   glass   metal  
plastic   fabric   rubber   paper  
cardboard   solids   materials  
sustainability   transparent   opaque  
properties   translucent

### Design & Technology

In Design and Technology, we will be learning about...

...where food comes from and that dishes are made using a combination of food products. We will design, make and evaluate a simple dish using our own experiences of foods to support our ideas. We will use equipment to cut, peel and grate food products before combining to make an appealing, tasty dish.

#### Key vocabulary:

design   make   evaluate  
combine   cut   peel   grate  
healthy   appealing   farmed  
caught   grown   5 food groups  
protein, carbohydrates, dairy, fruit/veg,  
sugars and fats  
hygiene   safe

#### Key knowledge:

To design, make and evaluate a simple healthy dish that includes cutting, peeling and grating.

To use the basic principles of a healthy and varied diet to prepare dishes, knowing the 5 food groups.

To understand where food comes from, and that it is either farmed, grown elsewhere or caught.

## Geography

In Geography we will continue to learn about...

Continents, oceans and the seas surrounding the UK. We will begin by recapping the UK's capital cities and then explore the seas surrounding the UK. After that we will locate the 7 continents of the world and the 5 oceans. We will find out about the compass and use positional language to describe positions and give directions.

### Key vocabulary

UK Irish Sea English  
channel Celtic Sea  
North Sea  
North America South America  
Europe Africa Asia Australia  
Antarctica  
Pacific ocean Atlantic Ocean  
Indian Ocean Antarctic Ocean  
Southern Ocean  
compass N, E, S W

### Key knowledge:

I can name, locate and identify United Kingdom's surrounding seas.  
I can name the world's five oceans and place them on a map or globe  
I can use simple compass directions (North, South, East and West)  
I can identify the seven world continents on maps, atlases and globes

## Religious Education

In Religious Education, we will continue to learn about...

...The Christian community. Having already learned about the bible, we will explore Jesus and his disciples and understand why Christians follow Jesus. We will ask and answer questions and begin to form our own opinions in response.

### Key knowledge:

Describe key important things Christians believe about Jesus and refer to the Easter story, life and teachings of Jesus.

Evaluate key teachings studied from the Bible and explain why they may be important to Christians.



### Key vocabulary

Christian Jesus bible  
disciples stories lessons  
meanings practices Easter  
death resurrection teacher  
leader

## Computing

In Computing, we will be learning about...

Computer programs and how to debug them. This unit called 'Lets fix IT' is designed to challenge children to analyse simple computer programs and for them to identify the errors within the code and then find a solution.

### Key knowledge:

Understand that programs execute by following precise and unambiguous instructions

Create and debug simple programs and in doing so demonstrate an understanding of code and computational thinking.

Use logical reasoning to predict the behaviour of simple programs

### Key vocabulary

code    algorithm    programme

debug    instructions

commands    variables

scratch    sprite

## Physical Education

In Physical Education, we will be learning about...

In our outdoor sessions we will be practising our sending and receiving. This will include a range of balls and techniques to support development in a range of sports.

In the second PE session we will be doing Forest School. This will be a brilliant opportunity to develop resilience, teamwork, self-regulation and communication skills through a range of activities.

### Key vocabulary

team work    commitment  
perseverance    effort    support  
targets    practise    coordination  
underarm    overarm    release  
agility    attack

communication    perseverance  
self-regulation    communication

### Key knowledge:

#### Forest school

Forest school is a holistic learning approach that allows children to build key skills including communication, self-regulation, empathy and perseverance. The children will learn to work in nature, use tools and about ecology.

#### Sending and receiving

I can use an effective striking technique

I can roll with accuracy

I can bounce a ball accurately to myself or a partner

## Music

In Music, we will be learning about...

...different types of music including Reggae. They will listen and appraise, learn new songs and improvise with dance and instrument.

### Key vocabulary

listen appraise pulse tempo

(fast/slow) dynamics (loud/quiet)

instruments voices verses

chorus style

### Key knowledge:

- use their voices expressively and creatively by singing songs and speaking chants and rhymes
- play tuned and untuned instruments musically
- listen with concentration and understanding to a range of high-quality live and recorded music
- experiment with, create, select and combine sounds using the interrelated dimensions of music