



Kingsley CP Curriculum Overview

Year 6 Autumn 2

Science:

In Science, we will be learning about 'Electricity'. We will be recapping on elements from the Year 4 curriculum; we will explore the components of a series circuit and how they fit together to create a functioning circuit. Children will learn the symbols for the main electrical components and use these to construct scientific diagrams.

Key knowledge:

- I can identify how to make a bulb brighter and a buzzer louder within a circuit
- I can explain that tests are repeated to ensure they are fair and to spot anomalies in results
- I can use recognised symbols when representing a simple circuit in a diagram
- I can explain what Thomas Edison did for electricity
- I can identify what makes a working circuit and how a switch can affect a circuit

Key vocabulary:

circuit	anomaly
symbol	decibel
current	
voltage	
variable	
ammeter	
buzzer	
motor	
cell/battery	
bulb/lamp	
voltmeter	
components	



Design & Technology

In Design and Technology, we will be creating a moving model using gears and controls linked to our Literacy text, 'Can we save the tiger?' The process will involve research, which will then inform the designing, making and evaluation stages of our model.

Key vocabulary:

assemble
prototypes
components
accuracy
annotations
electrical systems
gears



Key knowledge:

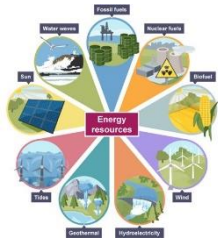
- I can explain how particular parts of my product work
- I can describe the purpose of my product
- I can use annotated sketches to develop and communicate my ideas
- I can select suitable materials and components
- I can explain my choice of materials for aesthetic and functional purposes
- I can evaluate my product against the product specification

Geography:

In Geography, children will consider if we are damaging our world and how we can protect it. They will investigate energy production, the oceans and minerals as well as discussing how our school can become more sustainable.

Key vocabulary

sustainability
minerals
renewable energy
non-renewable energy
conservation
environment
recycle



Key knowledge:

- I can locate countries and regions of the world to understand the distribution of natural resources including energy, minerals and water
- I can show an awareness of global warming and how extreme weather, floods and droughts are more likely to occur. I can then deduce how this can affect farming, food production and access to drinking water
- I can suggest ways which resources can be conserved at home and at school

Religious Education

In Religious Education, we will be exploring how and why Christians worship. We will compare Christian religious practices to those of other religions, such as prayer. Additionally, we will discuss how religion can influence community cohesion, including the diverse views and beliefs of individuals.

Key knowledge:

- I can make connections with Christianity and other religions
- I can identify the three denominations within Christianity
- I can identify the differences between different denominations of a religion
- I can explore and make personal informed responses to questions
- I can explain what the beliefs of a humanist are



Key vocabulary

Christianity
prayer
worship
Humanism
Catholic
Anglican
Pentecostal
Judaism
Orthodox
Reform
Islam
Sunni
Shia
Hinduism

Computing

In Computing, we will be learning about creating websites for a chosen purpose. We will learn what makes a good web page and use this information to design and evaluate their own website using Google Sites. We will pay specific attention to copyright and fair use of media, the aesthetics of the site, and navigation paths.

Key knowledge:

- I can recognise the common features of a website
- I can explain what is meant by 'copyright' and 'fair use'
- I can add content to my own webpage
- I can explain what a navigation path is
- I can evaluate a website from a user's point of view

Key vocabulary

HTML code
copyright
fair use
layout
media
navigation
hyperlink



Physical Education

In Physical Education, we will be participating in interpretive dance sessions, linked to our recent historical topic of World War 2 and through some well-known film theme tunes. Through drama and dance-based activities, children will be portraying emotion and character through movement. During indoor and outdoor PE, we will be developing our stamina and agility with some athletic and circuit-based activities.

Key vocabulary

flexibility
control
strength
balance
agility
speed
power
competitiveness
drive

Key knowledge:

- I can perform a narrative dance/ drama performance as part of a group
- I can evaluate dance/ drama performances and show originality
- I can show flexibility, control, strength, and balance
- I can show personal improvement in athletic activities
- I can demonstrate accurate technique
- I can evaluate and improve my performance

MFL

In MFL, we will be learning nouns for rooms in a house and use adjectives to support with creating a description for a spooky house. We will also be exploring nouns, adjectives, and the verb 'to be' to describe our hopes, dreams and aspirations.

Key knowledge:

- I can use a sequence of simple sentences with nouns and adjectives to describe a house
- I can make a simple statement about future hopes and aspirations



Key vocabulary

maison - house
c'est grand - it's big
c'est petit - it's small
une cuisine - a kitchen
des chambres - bedrooms
un jardin - a garden
un salon - a lounge
une salle de bains - a bathroom
je voudrais - I would like
je serais - I'd be
j'aime - I like

Music

In Music, as well as practising our Christmas songs, we will also be exploring the musical genre of 'Jazz'. We will listen to and respond to some jazz based tunes, which include 'Meet the Blues' and 'Bacharach Anorak'. Following this, we will create our own music using percussion based instruments in the jazz style.

Key vocabulary

Blues, Jazz, improvisation, by ear, melody, compose, improvise, pulse, rhythm, pitch, tempo, dynamics, timbre, texture, structure, dimensions of music, hook, riff, solo

Key knowledge:

- I can describe the style indicators of a song
- I can discuss the structure of a piece of music
- I can identify the instruments used
- I can explain the musical dimensions



