



Kingsley CP Curriculum Overview

Year 5 Autumn 2

Science:

In Science, we will be learning about all of the forces around us and how they affect our lives.



Key knowledge:

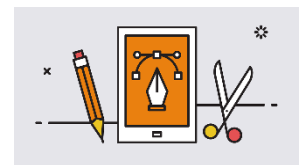
- That levers are when a rigid bar resting on a pivot is used to move a heavy or firmly fixed load/object
- That pulleys are wheels with a grooved rim around that changes the direction of a force applied to the cord.
- That force meters are used to measure the forces exerted on an object.
- That friction is the resistance that one surface or object encounters when moving over another.
- That air resistance is the force that is caused by air with the force acting in the opposite direction to an object moving through the air.

Key vocabulary:

- Air
- Resistance
- Force
- Friction
- Gravity
- Mass
- Water resistance

Design & Technology

In Design Technology, we will be learning about creating, designing and making moving mechanisms linked to our Literacy text 'Lost Happy Endings'.



Key vocabulary:

- Pneumatics
- Movement
- Circuit
- Construction

Key knowledge:

- To use mechanical equipment such as Pneumatics to adapt how something moves.
- To use scientific knowledge previously learnt to help design and make products that work and move.

History:

In History, we will be learning about the Anglo-saxons. We will be exploring where they appeared in the historical timeline and how they shaped our country.



Key vocabulary:

- Saxons
- Invade
- Kingdom
- Pagan
- Raid
- Archaeologist

Key knowledge:

- Who were the Anglo-Saxons and why did they decide to settle in England?
- What can we learn about the Anglo-Saxons from the Sutton Hoo ship burial?
- How significant was the Staffordshire Hoard in telling us about the Anglo-Saxons?
- What can be discovered from the past from archaeological remains?

Religious Education

In Religious Education, we will be learning about the religious faith of Islam and the importance that the Family has within the Muslim faith.



Key knowledge:

- To identify, describe and explain key Muslim beliefs related to Allah (God).
- To explore why the Five Pillars are important to Muslims?
- To explore and identify how the Muslim faith is expressed through family life.

Key vocabulary

- Islam
- Muslim
- Five Pillars
- Allah
- Eid
- Ramadan

Computing



In Computing we will be learning all about creating media through a video production.

Key knowledge:

- To explain that video is a visual media format
- To identify features of videos
- To compare features in different videos
- To identify and find features on a digital video recording device
- To experiment with different camera angles
- To make use of a microphone
- I can store, retrieve, and export my recording to a computer

Key vocabulary

Green screen
Format
Digital
Media
Blend
Cut
Edit

Physical Education

In Physical Education, we will be learning about Tag rugby and Dance and how to work as part of a team but also perform as an individual.



Key vocabulary

- Throwing
- Catching
- Commitment
- Perseverance
- Scoring
- Communication
- Routine
- Balance
- control

Key knowledge:

- To work on movement and refine them as part of a routine with a group and on own.
- To control movements with balance and skill.
- To compose own dances in an imaginative and creative way.
- To develop skills of catching and throwing to another player.
- To understand and apply the skills of attacking and defending safely and accurately during a game.

MFL

In MFL, we will be learning all about life in Paris. We will be exploring it's culture and using familiar language in new contexts.



Key knowledge:

- To understand place nouns when I visit a city such as Paris
- Nouns have masculine and feminine forms which I can use in a simple sentence to describe Paris streets.
- I can buy an entrance ticket to a museum or a gallery
- I can hold a conversation using simple sentences to ask about places

Key vocabulary:

- Dans ma ville, il y a...
- Le parc
- Le zoo
- La gare
- Le centre commercial
- Le muse
- Le centre sportif
- La piscine

Music:

In Music, we will be listening to, appraising and performing a number of Christmas songs comparing and contrasting styles through the ages.



Key vocabulary:

- Appraising
- Structure
- Tune/head
- Pulse
- Rhythm
- Tempo
- Dynamics
- Riff
- Hook
- Intonation
- Solo

Key knowledge:

Notice the style indicators of the songs (musical characteristics that give the songs their style)

Any musical dimensions featured in the songs and where they are used (texture, dynamics, tempo, rhythm and pitch)

Identify the main sections of the songs (intro, verse, chorus etc.)

Name some of the instruments they heard in the songs

The historical context of the songs.

To sing in unison, backing vocals and explore singing solo

To demonstrate a good singing posture