



Kingsley CP Curriculum Overview

Year 3 Autumn 1

Science:

In Science, we will be learning about how forces change the motion of an object and how some materials can exert a magnetic force.

Key knowledge:

- Different surfaces create different amounts of friction which depends upon the roughness of the surface
- Forces change the motion of an object - either speeding up, slowing down or making it stop
- Magnetic forces can act at a distance and can attract some materials, have no effect on others or repel some
- The Earth's magnetic field act like an invisible shield around the Earth
- Forces can be measured in Newtons (N)

Key vocabulary:

- Friction
- Forces
- Surface
- Magnet
- Magnetic
- Poles
- Repel
- Attract
- Newton
- Newtonmeter

Art

In Art we will be focusing on the skill of drawing and creating our own drawing of trees using black ink. We will be exploring the artist Vincent van Gogh and his 'Winter garden' piece.

Key vocabulary:

- Tone
- Pattern
- Hatching
- Light
- Dark
- Form
- Shape
- texture

Key knowledge:

- To improve their mastery of art and design techniques using a range of materials.
- Create textures and patterns (hatching, scribbling, stippling, and blending) with a wide range of drawing implements.
- Use a sketchbook to record media explorations and experimentations as well as planning and collecting source material for future works.

Geography:

In Geography, we will be exploring our local environment in the context of towns and cities in the North West the United Kingdom

Key vocabulary:

- Capital city
- County
- United Kingdom
- Great Britain
- Physical features
- Human features
- Legend (on a map)
- Atlas
- Landmarks

Key knowledge:

- The United Kingdom is made up of England, Scotland, Wales and Northern Ireland and is an island nation in Northwestern Europe
- Compass points can be used to locate positions of places in relations to each other
- Compare the human and physical features of our locality with Liverpool and other North West towns
- Analyse aerial view photographs and other evidence to compare locations

Religious Education

In Religious Education, we will be learning about the religious faith of Hinduism and exploring the question of 'How do Hindus view God and celebrate Diwali?'

Key knowledge:

- I can recall and name different beliefs and practices, including festivals, worship, rituals and ways of life, and find out about the meanings behind them.
- I can give thoughtful responses using different forms of expression.
- I can consider an aspect of a religion and show differences and similarities to other religions or worldviews.

Key vocabulary

- Brahman
- Aum
- Trimurti
- Brahma
- Vishnu
- Shiva
- Ramayana
- Diwali

Computing

In Computing we will be exploring what goes into games design? We will use gaming apps to develop computational thinking skills and develop a simple program as a final project.

Key knowledge:

- To design, write and debug programs that accomplish specific goals, including controlling.
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals.

Key vocabulary

- Computational thinking
- Algorithms
- Simple Program
- Decomposition
- Sequence
- Input
- Selection

Physical Education

In Physical Education, we will be learning about Invasion games and Gym (body movement)

Key vocabulary

- Tension
- Stillness
- Creativity
- Unique
- Accurate
- Concentrate
- Control
- technique

Key knowledge:

- To know the difference between attack and defence.
- To control a ball from a stationary position.
- To use tension in balances and sequences
- I can explain why it is important to warm-up and cool-down.
- To develop flexibility, strength, technique, control and balance.

MFL

In MFL, we will be learning about words and phrases about 'Getting to Know you', including numbers and colours.

Key knowledge:

- I can say a greeting and a farewell
- I can say how I am feeling today
- I can say my name
- I can ask a question to find out someone's name
- I can recognise and say some numbers between 1 and 10

Key vocabulary:

- Bonjour
- Sault
- Au revoir
- A bientôt
- Ça va?
- Comme-ci comme-ca

In Music, we will be listening to, appraising and comparing a number of R & B songs based on 'Let Your Spirit Fly' by Joanna Mangona

Key vocabulary:

- Appraising
- Rhythm
- Tempo
- Dynamics
- Verse
- Interlude
- Improvise
- Timbre
- Pitch
- Texture
- Cover

Key knowledge:

- Identify the main sections of the songs (intro, verse, chorus etc.)
- Name some of the instruments they heard in the songs
- Play the melody by ear and by following the musical notation
- Identify the beat and the pulse in the song.
- Discuss the similarities and differences to their own chosen favourite style of music.