

YEAR SIX CURRICULUM MAP – AUTUMN TERM

MATHS

In Maths, the children will be focussing on consolidating their arithmetic skills and applying these to complex, multi-step problems. They will begin by studying place value, working with numbers up to 10 million! They will recap multiplying and dividing numbers by 10, 100 and 1000 and using that knowledge to solve decimal calculations. They will be looking at negative numbers in worded problems and finding explanations to either agree or disagree with mathematical reasonings.

ENGLISH

In English, the children will read two main core texts and use this as a stimulus to write flashback stories and balanced arguments. There will be daily whole class reading lessons as well as spelling and handwriting lessons.

SCIENCE

In Science, the children will learn about Electricity. Through this unit, the children will compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. They will also learn about Light. In this unit, they will learn to recognise that light appears to travel in straight lines. They will use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye.

PSHE

Through the Being Me in My World unit in Jigsaw, the children will learn how to help others to feel welcome, make our school community a better place, think about everyone's right to learn, care about other people's feelings and work well with others.

MUSIC

Using the Kapow platform, the children will explore rhythmic patterns in order to build a sense of pulse and use this understanding to create a composition.

REVOLUTION

This historical learning project will teach the children about life in Victorian times developing their knowledge about Victorian culture, including significant people and inventions of the time.

ART/DT

In DT, the children will use their knowledge of electricity to make a steady hand game. They will develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose aimed at particular individuals or groups. In Art, the children will learn to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay).

COMPUTING

Using the Purple Mash platform, the children will learn to turn a more complex programming task into an algorithm by identifying the important aspects of the task (abstraction) and then decomposing them in a logical way. They will learn to translate algorithms that include sequence, selection and repetition into code and their own designs show that they are thinking of how to accomplish the set task in code.

RE

In RE, the children will learn to make connections between beliefs and behaviours in different religion, make connections between different beliefs. Also, the children will be introduced to the idea of a faith community where people live their lives according to the teachings of their faith. It introduces the idea of the Buddhist community locally and worldwide.

FRENCH

In French, the children will learn to use descriptive words and prepositions. They will then apply these in describing a house.

PE

In PE, the children will learn how to pass, receive and travel with the ball as well as tackle and shoot. They will develop their understanding of the principles of attacking and defending in invasion games. They will have the opportunity to take part in individual, paired and small group activities as well as to play a range of team games to enable them to practise and improve their skills.

HISTORY/GEOGRAPHY

In History, the children will gain historical perspective by placing their growing knowledge into the context of the Victorian era. They will explore a time when great minds thought new thoughts and ingenious inventors created so many things that we take for granted today: the electric light bulb, the telephone and the first flushing toilet. In Geography, the children will learn to identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night).