

Class: Sycamore

Date: Spring 2022

Our Learning Web this term:-



Being a Game Changer

Science

What would the world be like with no sun?

Through a range of scientific enquiries including: testing, pattern seeking, research, exploring science over time and delving into some big questions, Sycamore will explore and learn how to describe the movement of the moon to the Earth, Sun and the Earth's rotation to explain night and day. They will learn science knowledge like the Sun is a star and it is at the centre of our solar system. There are other planets and these travel around the Sun in fixed orbits and much more and use scientific vocabulary in their explanations. They will look at a diverse range of game changers in the world of Space too. We will then move on to electricity and develop skills and knowledge in making electric circuits, demonstrating how variation in the working of particular components, such as the brightness of bulbs, can be changed by increasing or decreasing the number of cells or using cells of different voltages. We will also draw circuit diagrams of a range of simple series circuits using recognised symbols.

Music

Exploring the Dorian mode and develop ensemble skills through class performance of 'Dorian Stomp' Using the pentatonic scale and ostinato patterns to compose own piece inspired by dragons. Perform, record and appraise.

Game Changers

Linked to our literacy, each week we will read about, debate and discuss influential people and events from around the world and decide if we think they are worthy of the title 'Game Changers'. Who would you want to discuss? Do tell your children if you have any recommendations!

RE

What did Jesus do to save humans? Who are the big philosophers of time?

Through RE, we will explore what Philosophy is a little more and discuss the impact that the like of Plato and others had. We will then explore and learn about Salvation and how incarnation and salvation fit into the story of Christianity. We will deepen our thinking by exploring what Christians mean when they say that Jesus' death was a sacrifice using theological thinking. Through discussion, Sycamore will work on suggestions for meaning for narratives of resurrection and interpret by looking at various texts. To ensure we make connection between Christian belief and what they do, we will explore Christian practice and also the ideas of sacrifice in the world today.

PSHE

This term we will be covering the Sex and Relationships lessons for Sycamore and also look at how explore and discuss positive relationships including understanding what is meant by bias and prejudice.

MFL

In Spanish, we will learn phrases linked to food, dining out and travel.

Our class book this ½ term is Cosmic by Frank Cottrell-Boyle

Geography

Should we be able to buy strawberries all year round?

This term we will explore trade and transportation and the movement of people and items from one place to another. In addition, we will investigate why we travel and the positives and negatives of transportation and trade, including the where we export and import to. Linking to game changers, we will explore those that have changed the way we move around the world too. Finally, we will explore key geography skills including using a six-figure grid references, naming and locating and how the ocean currents effect how we travel and trade too.

Design Technology and Art

Through exploration of game changers in space travel, we will to generate and model ideas through discussion and drawing of our own designs, and then explore what tools, materials, components and techniques we need to use. Sycamore will then plan the main stages of making, make some moon buggies and then evaluate their work according to their design criteria including suggesting improvements.

In art, we will explore futurism in art including some game changers in art, like Boccini. We will develop our sketch book, giving details about the style of some notable artists and also show how the work of those studied was influential in both society and to other artists- were they game changers? We will create original pieces that show a range of influences and styles.