

St Martins School Primary Phase Spring Term 1 2019 Overview Year 5

Theme Rationale Year 5 will explore the theme of the Americas with a particular focus on the USA and, where possible, link the topic to literacy, art and music. The children will learn about geographical and cultural aspects of this part of the world.

ICT Coding will explore key concepts such as algorithms, sequences and variables, and develop skills like problem-solving, logical reasoning and debugging. will be able to create their own apps in minutes to demonstrate their creativity and understanding of coding concepts.

Geography The children will first find out about the continents of North and South America, and the countries that form them. They will then look in more detail at some of the contrasting areas of North America, finding out about the landscape, climate and locations in each area. At the end of the unit, children will research a trip to an area of North America and create tour guides to share what they have found.

Music Students will explore native American music in the form of listening, performing and composing tasks. Students will learn and perform songs on the folk whistle in a similar style to those found on the native American flute songs and compose the music that reflects their learning of the culture.

French Conversations about the weather and climate.

Science topic Types of light sources both natural and artificial. Light enters the eye in order for an object to be seen. Opaque, transparent and translucent materials. The use of opaque objects to cast shadows. How a shadow's shape is linked to the shape of the object casting it. How light travels in straight lines. How light is reflected from mirrors and useful applications for this. How Isaac Newton investigated light to find out about colour.



Amazing Americas

Mathematics This term the children will focus on written and mental addition and subtraction of numbers up to four digits long. They will also learn how to calculate answers to word problems that involve multiplication and division. They will read and construct line graphs and bar charts and focus on digital, 12 hour, 24 hour and analogue time. During work on fractions they will learn how to add and subtract fractions with different denominators and move onto multiplication of fractions. Throughout the term a focus on key maths facts, such as times tables will be ever present in their learning.

R.E. Why is there suffering in our world? How do Muslims express their beliefs?

English They will understand and use the language features for writing instructions for a purpose. During this process, a way of working involving playing with language and then forming and shaping ideas, is modelled and practiced. Children will also read and analyse play scripts in preparation for writing and acting out their own performances, which will link with speaking and listening. Reading will focus on using reading strategies to deduce and infer meanings from texts and base their own opinions on the texts that they have read. The spelling focus for this term will be - Building new words from morphemes, apostrophe for possession, words ending in -ably and -ibly and homophones. Children will also be focusing on grammar and punctuation throughout the term.

Art Topic
Andy Warhol and
pop art.

PSHE Say No to Bullying - Discussions about what constitutes bullying and how can we work to prevent it.

P.E. Swimming, tag
rugby and fitness.