

St Martins School Primary Phase Spring Term 1 Overview Year 6

Theme Rationale Year 6 will explore the theme of natural disasters both in the UK and around the world and, where possible, link the topic to literacy, technology and music.

ICT

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

Geography Topic

The cause of floods in the UK and Europe and how to prevent them. Flooding in the USA, Bangladesh and China. Locate them on maps. The USA and the impact of tornadoes. Tsunamis and the impact on people's lives (Japan). How are hurricanes formed, when are the seasons? Drought and bushfires.

PSHE Going for goals. Children study the importance of setting themselves achievable goals and how persistence and a determination to overcome obstacles are the skills needed.

Spiritual, Moral, Social, Cultural. Children use their imagination and creativity when creating alarm systems and understanding how light travels by using star wars light sabres. How do religions deal and help with suffering?

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.



Our Challenging World SPRING TERM 1 2018

Mathematics Rounding whole numbers and decimals. Calculating with fractions. Perimeter, area and volume. Multiplication and factors. Multiplying and dividing decimals. Solving problems with percentages, fractions and decimals. Expressing missing number problems algebraically. Converting between units of metric measure. Adding and subtracting large and small numbers. Ratio and proportion. Solving problems involving number. Data: mean, median, mode and range. Square numbers. Sequences.

R.E. How do religions deal and help with suffering?

Literacy Stories with Flashbacks- Reading a short story or film that uses flashbacks as part of the narrative structure. Evaluate the text, commenting on the theme, mood and atmosphere. Note the length and pace. Writing a short story including flashbacks. Children work on their own narrative using a range of devices to indicate shifts in time whilst maintaining cohesion for the reader.

Arguments and debates - Recognise and understand the distinction between the persuasive presentation of a particular view and the discursive presentation of a balanced argument. First explore orally and then write a persuasive argument of a controversial issue, summarising strengths of one positions, drawing reasoned conclusions where appropriate. Use reading to investigate conditionals, for example using if, then, might, could, would, and their persuasive uses, for example in deduction, speculation, supposition. Build a bank of useful terms and phrases for persuasive argument, for example similarly... whereas...

Art and Design Children will use the inspiration of natural disasters to make a scale model of a volcano.

Music Year 6 will be starting their own choir and exploring graphic scores and cycles.

P.E.
Indoor athletics and swimming.