

LKS2 – Year 3 Spring 2 Curriculum Map

Overview of topics:

Scientists and Inventors, which will be explored in both Science and English. Rainforest is our new topic, which we will look at in Geography and English.

English: In English, the children will start with looking at the book 'Rosie Revere, Engineer'. This links to our Science topic 'Scientists and Inventors' and the children will become inventors in order to help Rosie create a new bridge in London. The children will be exploring the London Bridge and creating their own leaflet explaining their design in detail. The children will then be looking at Rainforests, focusing on the book 'The Great Kapok Tree'. They will be able to use their geographical knowledge of Rainforests to help them understand the topic and write their own dilemma story.

Computing: In Computing, the children will develop their understanding of what a branching database is and how to create one. They will gain an understanding of what attributes are and how to use them to sort groups of objects by using yes/no questions. The children will create physical and on-screen branching databases.

Maths: In Mathematics, the children will first be looking at division and times tables. They will be using different methods to help solve division and multiplication calculations, focusing on how to display workings out correctly. We will then move on to our statistics topic and focus on pictograms. The children will look at what a pictogram is and how we read one. The children will have an opportunity to draw their own pictograms to present their findings. We will then start looking at fractions, such as how to find a fraction of an amount and how to order fractions in ascending and descending order.

Science: In Science, the children will be looking at Scientists and Inventors. They will be learning about well known scientists and inventors that have created objects and resources used worldwide. The children will learn about scientists who risked their lives to find important information and new inventions. They will also look at what an x-ray is and who invented it. Some lessons will focus on fossils and who found out what was inside of a fossil and how this information helps scientists today. They will use their scientific skills to make predictions, observations and conclusions.

PE: Our PE sessions will take place on a Monday with Premier Sports who will be covering a range of fun activities and teaching us about the importance of physical exercise.

History and Geography: In Geography, the children will be focusing on Rainforests. This topic will cover where the Rainforest is, what the levels of the Rainforest are and the animals that live there. The children will be able to strengthen their geographical skills, such as map reading, compass reading as well as collecting and recording information on graphs. They will also critically study aerial photographs of Rainforests to find out more information and present the information and findings.

RE: In RE, the children will be focusing on understanding how and why people try and make the world a better place. They will research how different religions follow the Golden Rule and how to use it in their lives.
PSHE: In PSHE, the main topic will be 'Dreams and Goals', The children will discuss topics such as how to overcome difficulties to reach their goals and what ambitions they have in life and what they want to achieve.

Art, Design and Technology, Music:

In DT, the children will be looking at inventions to link to our Science Topic. They will design and create their own inventions, considering whether the inventions will be useful. They will learn about how to ensure their inventions work properly by trailing and redesigning.