



Sycamore Class Year 5 & 6 Autumn 1 2017

Legacy and Achievement



In **Literacy** we will read the books 'Underground To Canada' by Barbara Smucker and 'Journey to Jo'burg' by Beverley Naidoo. Both these texts raise issues of equality and are linked to the history topic. We will write descriptive pieces that create vivid images and biographies that tell the stories of important role models.

In **Numeracy** we will order numbers to 1,000,000 including decimals, round numbers and use negative numbers. We will multiply and divide by 10, 100 and 1000; derive quickly multiplication and division facts to 12x12, and find common multiples. We will classify quadrilaterals, interpret frequency tables and bar graphs and use metric and imperial units of length and weight. We will measure, draw and calculate angles.

Areas of Learning

As **scientists** this term we will study a biology topic. We will learn about the human circulation system. We will investigate the structure of the heart and lungs, focusing especially on double circulation and the function of blood. We will explore how exercise affects pulse rate and why exercise is good for us. We will also research what can harm the heart and lungs.

As **historians** we will find out about the lives of people who were influential in creating equality and freedom. We will discuss prejudice and human rights, and pinpoint times and events that caused change. We will research the slave trade and its abolition, and the life of Martin Luther King, apartheid in South Africa and the life of Nelson Mandela. We will also discuss equality in the U.K. today and changes in the last century.

As **artists** we will investigate pointillism art. We will explore different techniques and will look at a range of paintings from different artists. Also we will explore portraits of famous role models and look for clues as to their qualities.

In **ICT** we will look at the process of planning apps. We will think about how apps can be useful and entertaining in real life and we will collect ideas and work together on a new idea.

In **RE** we will find out what it means to be a Sikh. We will describe some of the features of Sikh worship and celebrations in the home and in the community

In **PE** we will develop new skills in rugby with a specialist teacher.

In **Music** we will explore songs that inspire and give hope to people in times of need.