

Year 5

Autumn 2

Mr Sivanathan

English

Writing: our stimulus for writing will be 'Floodland' by Marcus Sedgwick. We will explore characters, emotions, perspectives and the challenges faced by the central character. Our writing outcomes will include diary entries, formal letters, poetry, a newspaper report and narrative writing in role as well as the main written outcome. This will be a diary entry.

Reading: 'Holes,' Louis Sachar as well as extracts from recommended year 5 and 6 books.

Maths

Number: multiplication, division, factors, common factors, multiples, primes numbers, square and cube numbers, short and long division, problem solving with multiplication and division, formal long multiplications, short division, division with remainders and efficient calculation strategies

Fractions: Finding fractions of amounts, finding equivalent fractions, converting between mixed numbers and improper fractions, comparing, ordering, adding and subtracting fractions.

Art

Students will learn about art from Islamic world by first studying the Dome of the Rock in Jerusalem. They will then look at the Alhambra and the Taj Mahal. They will then look at its influence on modern art like the works of Rana Begum in her abstract paintings.

DT

Pupils will make a toy for a KS1 pupil which moves up and down using a cams mechanism.



*"One body with many parts,
growing together in love"*

Music

This will be on Wednesday mornings with Sophie from St Barnabas Church. This term the students will study jazz music and improvisation. They will also continue their weekly violins lessons.

French

Pupils will revise their learning on numbers and how to tell the time in French, before learning about parts of the body.

Computing

iProgramme: This course will teach the children what debugging is and they will then create a game using programming before learning how to debug problems within it.

PSHE

Celebrating differences: children will be thinking about cultural differences, racism, bullying and name calling and the lives of children from around the world.

RE – Christianity

How do music and art convey Christmas?

Children will learn what the Gospel accounts reveal about the beliefs associated with the festival of Christmas. They will then consider how art and Christmas carols represent central Christian beliefs around the world, before exploring the Nativity.

Science – Space

Describe the movement of the Earth and other planets relative to the sun in the solar system

-Describe the movement of the moon relative to the Earth

-Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Humanities – The Early British Empire

Students will learn that Great Britain had an empire from the 16th to the 20th century and that many monarchs were involved in growing the British Empire. They will also learn about British and European trading and how war began when the Mughal Empire collapsed as European nations fought for control over countries in Asia, North America and Africa.

Geography – Mountains

Children will learn that a mountain is a large landform that rises above surrounding land. They will then be taught about mountains around the world like the Alps, Mount Everest, The Andes, The Rockies, The Appalachians and Mount Kilimanjaro and why they are considered significant.