



## Year 5 Teacher: Mr Glover Curriculum Information Summer Term 1

### **Scientific and technological understanding: science; DT; ICT**

In science we will explore the Sun, Moon and Earth and will develop an understanding of day and night, the four seasons and the Moon's phases. The planets making up our Solar System will additionally be investigated, along with the other stars in their constellation.

Using micro bits will form the basis of our computing sessions this half-term. We will be learning how to write effective code, using one or more of the computing languages available. We will mostly focus on how to display images and text on the micro bit, in order to produce a visual story book, micro bit style.

### **Understanding the arts and culture**

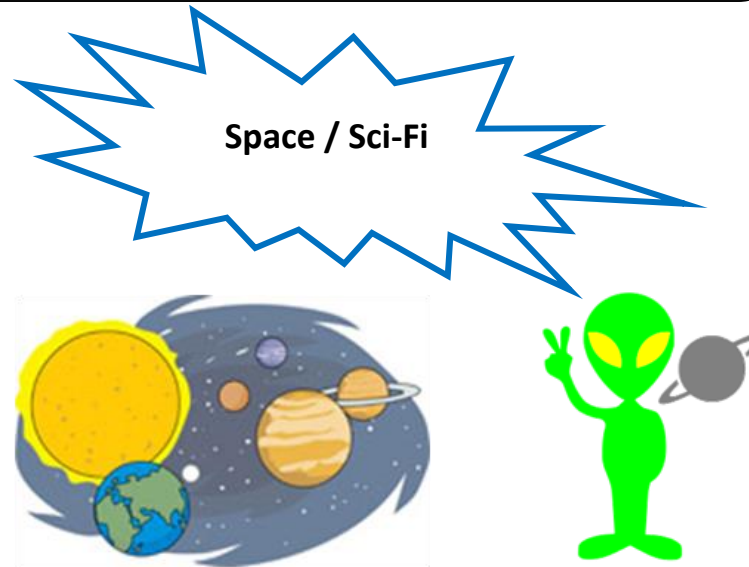
In Art, we will be concentrating on landscapes, with the finished product aiming to be a scene which displays the surface of a fictional planet. The children will be developing their knowledge of using tone and colour, mark making and brush strokes for texture, correctly displaying perspective and how to gain a particular emotion/feeling from a landscape piece.

### **Social, moral, spiritual and religious understanding**

Within PSHCE, we will be considering how to live a healthy lifestyle, in relation to food. Pupils will think about the differing levels of nutritional content within food and how it is important to have a balanced and varied diet. The children will also plan, prepare and create a meal which provides such a

### **Mathematical understanding**

Decimals will feature regularly in our mathematical work this half-term, mentally adding and subtracting them, as well as writing, ordering and comparing them to greater decimal amounts. Translating and reflecting shapes by effectively reading and writing coordinates will also be thoroughly examined and we will again have an opportunity to consider fractions and their conversions into mixed numbers and vice versa.



### **Historical, geographical and social understanding**

Florence Nightingale will be the chief focus for history this half-term. This will delve into considering her early life, her relationship to her parents and her desire to go into nursing, irrespective of the status which she held in society and the degrading reputation of the profession at the time. The Crimean war, the cradle of Nightingale's determination to see improvements in sanitation in hospitals, will be considered in detail, as well as Nightingale's impact on society today and the formation of the NHS. This will be achieved through considering first hand sources, handling historical objects and through the children completing their own research into the subject.

### **Understanding English, communication and language**

The genre of Science Fiction will be the basis for the literacy work completed this half-term. We will consider the poems based within the book 'It came from outer space!' by Paul Cookson and David Harmer; this will allow the pupils to concentrate on how imagery is formed within a range of poetic styles and the pupils will attempt to replicate these features in their own writing.

We will additionally be developing knowledge in how to effectively complete persuasive texts, by convincing tourists to visit particular planets and holding planetary debates.

Sci-Fi story writing will also be looked at, attempting to build on the grammatical features included in their writing.

In the first half of term, Year 5 will learn to recognise and use vocabulary for food in French. They will also use this to express likes and dislikes. They will start to recognise and use sentences with 'je aime' and 'il faut'.

### **Understanding physical development, health and well-being**

Improving basic skills in gymnastics will be the focus during Tuesday's PE sessions this half-term, whilst rounders will be Thursday's regular feature.