

Maths:

During our maths sessions, we will continue to consolidate the learning we have already done in our mental and oral sessions. We will also be continuing to develop accuracy when using short multiplication when multiplying a 4-digit number by a one-digit number. The children will be introduced to the method of long multiplication to multiply a 4-digit number by a 2-digit number.

We will also use short division to divide 4 digit numbers by a one-digit number.

While multiplying and dividing, we will learn how to multiply and divide by 10,100 and 1000, we will learn strategies for finding factors of numbers and identify common factors between two numbers.

Literacy:

In Literacy, we will write pieces linked to our space topic.

We will write a newspaper article about when Neil Armstrong, Buzz Aldrin and Michael Collins went on the Apollo 11 mission.

We will also write a set of instructions on how to make a space rocket.

We will write a short story in the style of Ted Hughes, who wrote The Iron Man.

Science – Earth in Space:

In this science topic, we will explore the movement of the Earth and the other planets in relation to the sun in our Solar System. We will also look at the movement of the moon and investigate why we have day and night.

Music:

We will listen to Holtz's The Planets. We will discuss the instruments he has used and why he had used them to create a specific effect.

The children will explore each instrument and create their own piece.

Autumn Term 2: Stargazers



PSHE:

In PSHE, we will learn about our health and wellbeing. This will link to our design and technology food topic. We will learn about a healthy lifestyle and how to maintain physical, mental and emotional health and wellbeing.

History:

We will be learning about the Race to Space. We will order the major space events of the 1900s into the correct order.

We will also be discussing evidence that can be trusted.

Computing:

The children will continue learning about internet safety, focussing on creating strong passwords and keeping them safe. We will also explore algorithms. We will be making them for the computer to follow, but also decoding algorithms that do not work.

Design and Technology:

We will be investigating food that we see around this time of year. The children will be given the opportunity to taste foods and create an alternate Christmas dinner menu.

Art and Design:

In art, we will explore the solar system, including the planets and the stars within it. The children will choose a planet, and create a replica using marbling tools.

Physical Education:

The children will begin year 5 by swimming at Southmoor Academy. Children will require their swimming kits every Monday.

Religious Education:

The children will continue learning about Christianity. They will learn about the importance of Christmas and the themes that surround this time of year.