

ENGLISH

Using video footage to bring events to life, the children will explore different poetic form around the topic of the changing environment. We will continue an 'environmental' theme when we look at story writing through the book 'The Tear Thief'. In this story the light of the moon is created by tears. We will use this to come up with our own less scientific explanations for the light of the moon, and stars.

There will be a heavy focus on spelling and grammar. This half term we will concentrate on sentence structure, expanding noun phrases and adverbial phrases linked to prepositions. How you can help: Learn spellings and complete home learning tasks. Reading regularly and widely is also vital.

COMPUTING

We will look at internet safety and how something online, can be seen and affect others. We will learning about algorithms and repeated commands to create shapes and patterns both on screen and using floor turtles.

PSHE

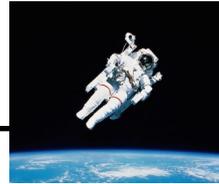
Children will understand their rights and responsibilities in the school. Children will have chance to explore what a role model is and how they can be a good example to younger children around the school. We will have an opportunity to identify our own personal gifts and talents.

PE

We will be learning and perfecting our tag rugby and team sport skills. We will be outside as much as possible so it is important that children have appropriate footwear and kit. Arsenal Sports coaching will also be running tennis sessions during this half term.

Burrator—Autumn 2016 First half term

To Infinity and Beyond...



SCIENCE

This science based topic will start with an Astronaut Training day, where the children will be put through their paces to see if they have what it takes to become the next Tim Peake! Throughout the rest of the half term we will describe the movement of the Earth, and other planets, relative to the Sun in the solar system. We will consider the movement of the Moon relative to Earth including looking at phases of the Moon. The children will explore the idea of the Earth's rotation to explain day and night. The learning will be practical and will link with other areas of the curriculum.

GEOGRAPHY & HISTORY

As well as all the science, there will be time to look briefly at the history of space travel and discovery from ancient theories of a flat Earth, to the first man on the Moon, to the discovery of the new 'Earth-like' world Proxima b. We will also learn about time zones and the Prime/Greenwich meridian, day and night and seasonal changes.

FRENCH

Children will spend this term revising and developing new language, talking about themselves and their family. This will be practical to encourage the pupils to develop their language skills.

MUSIC

Cymatics is the study of wave phenomena, especially sound, and their visual depictions. We will look at cymatic techniques and experiments that show how sound reacts with the world around us.

MATHS

It is really important that children are secure in number and place value, being able to read and write numbers up to 10 million, and round numbers to the nearest 10, 100, 1000 and 10,000. Children need to be able to use place value to add and subtract large numbers mentally. Children will then ensure they are secure using the column method for addition and subtraction before moving on to long division and multiplication. We are going to be exploring how calculations can be worked through in different ways and that children are able to recognise which methods work best for them. Times Tables are going to be recited regularly to help secure recall of facts. How you can help: Ensure your child is completing homework tasks and practising their times tables.

RE

Pupils will be exploring what it means to be the 'People of God' through the eyes of Moses and highlighting the need to follow God's law and by upholding the commandments, we uphold the will of God. The children will then be exploring how upholding the will of God involves personal choices and often sacrifices. We will then move to the concept of heaven and the Church's belief in Mary and the feasts celebrated in her honour. There will also be a multi-faith element, considering the importance of the prophet to Islamic faith.

ART & DESIGN AND TECHNOLOGY

We will learn about art of the space exploration era, particularly the Pop Art movement. The children will get chance to create their own Andy Warhol inspired art installations.

In DT children will learn about seasonality and food production. We will also have opportunity to prepare and cook a variety of dishes.