

ENGLISH

As readers and writers: we will explore different poetic forms 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 strong 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

As coders: we will plan, design, create and debug a text-based adventure game on the theme of space exploration. We will be continuing to use the Purple Mash system. There will be ongoing lessons about online safety and learning at home.

PSHE

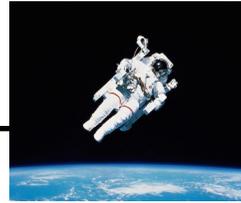
We will focus on wellbeing and good mental health following the full opening of schools. Many children haven't been in school for many months, so there will be a focus on supporting ourselves and each other to come to terms with what has happened during the Covid-19 pandemic and how we can move forward in this 'new normal'.

PE

We will be learning and perfecting striking and fielding skills. We will be outside as much as possible, so it is important that children have appropriate footwear and kit. There will be sessions run by a sports coach again this term.

Burrator—Autumn 2020 First half term

To Infinity and Beyond...



SCIENCE

As scientists: 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 as practical as possible and will link with other areas of the curriculum.

GEOGRAPHY

As geographers: we will explore the Americas and make comparisons between the climate, landscapes and physical geography. We will learn about maps, continents, countries, capital cities and lines of latitude and longitude. We will consider land use and future sustainability and compare lives and human geography with different places in the Americas and our lives here in the UK. We will look at the wonders of the world in America and explore some of the history around these.

FRENCH

As linguists: we will revise and develop new language, talking about ourselves and families. This will be practical to encourage the pupils to develop their language skills.

MUSIC

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

MATHS

As mathematicians: we will become 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 as well as using formal written methods. We will be learning reasoning and problem solving skills that can be used in any area of maths. Times Tables knowledge and quick recall is essential so lots of practice at home will make a huge difference.

RE

Pupils will be exploring what it means to be the 'People of God' and highlighting the need to follow God's law and uphold the commandments. 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

As artists: 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.

As designers: we will design and make our very own electromagnetic motors and our own circuits for a steady-hand game.