

Books we will read!

How to catch a star
 Aliens love underpants
 Whatever Next!
 Roaring rockets
 Red Rockets and Rainbow Jelly
 Man on the Moon

**Literacy**

This half term the children will have lots of exciting opportunities to develop their writing skills. We will write labels for aliens and rockets and find out about rockets before writing instructions to create their own large rocket for the role-play area. The children will write lists of equipment to take to the moon and postcards and descriptions of what it is like when they get there. We will write fact books about the different planets we will discuss and learn about during carpet time. We will continue to learn to read and write the High frequency words and meet new letters and sounds during daily phonics sessions!

**Mathematics**

This term the children will focus on adding and subtracting single digit numbers using space objects and aliens!
 They will also learn about 3d shapes when we make space rockets and talk about the planets.
 The children will weigh moon rocks to develop their understanding of light and heavy and after making their own rockets the children will see how far they can fly before measuring the distance using lots of different objects!

Physical Development

The focus for this term will be Multi skills which will be led by a PE specialist.
 During this topic the children will learn how to move safely in lots of different ways. They will learn how to throw and balance and jump and hop, developing their coordination and core strength.

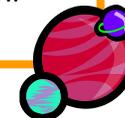
**Expressive Arts and Design**

This half term we will design and make rockets, jet packs and space buggies from junk modelling!
 We will create our very own telescopes to gaze at the stars and planets!
 We will make planet pizzas with different ingredients on top. We will think about what an alien would look like and what an alien would eat! What does the surface of the moon feel like? Can the children use the bubble print to recreate it? We will create our own constellation art using lots of different media and will even make our very own universe in a jar!
 We will also learn lots of new space songs with Mr Millar!

MOON ZOOOOOOM!!

**Understanding the World**

The children will spend time learning about the first moon landing and how Neil Armstrong became the first man on the moon.
 We will fly to each of the planets in our solar system and discuss what it would be like to live there and how and why Earth is the perfect place for us to live. We will discuss the similarities and differences between each planet and think about what we would look like if we lived on Mars or Jupiter or Saturn!
 We will talk about how important it is to care for our environment and look after the planet we live on.
 We will learn how to programme bee bot rovers to follow directions on different planets just like the one on Mars!

**Personal Social and Emotional**

The children will look at the different environments on each planet. Comparing Earth/Space and what it is like to live there.
 How can we take care of our environment?
 Recycling/Reuse/Reduce!
 How can we look after and care for the animals on our planet? What would happen if an alien visits and can't speak English and feels very lonely? How could we make them feel welcome?
 Discuss the boy in *How To Catch a Star* and the perseverance he showed to get the star from the sky?
 Discuss how the *Man on the Moon* felt. How would you feel if you visited another planet?

Communication and Language

The children will have a Space station or rocket control centre in class to support their imaginative role play!
 We will new words like *solar system*, *orbit*, *sphere*, *gravity* and *rotate* to help us talk about our space topic.
 We will think about what it would be like to visit the moon and think of clever words to describe what it looks like, we'll even make our own 'The Moon looks like...' class book!

