



Spring 1
Topic - Space

space and the solar system. They will be looking at the different planets and their features.

Why do we need the Sun? How does it help us?

- Exploring planets and the space above.
- Understanding the properties of each planet, the order of them and how the solar system works.

What will we be learning?

What is the moon?

- How can you get to the moon?
- What shape is the moon?
- What is a rocket?
- What is a non-fiction book?
- What is the difference between a fiction and a non-fiction book?
- What are planets?
- What shape are the planets?
- What can you see at night time/daytime?
- What is in our solar system?
- Why do we need the sun?
- How do the planets orbit the sun?

Key words

- explore, stars, freezing, storms, gas, sphere, volcanoes, shuttle, floating, fire, night, hot, dark, cold, moon, fly, blast off, aliens, meteoroid, asteroids, rocket, orbit, gravity, astronaut, solar system, NASA, galaxy, eclipse, milky way, space buggy, plane, moon walk, launch, Sun, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune etc.

Key Texts

- Whatever Next - Jill Murphy
- The Girl who danced in Outer Space by Maya Cointreau
- Toys in Space by Mini Grey
- Range of non-fiction texts looking at Earth and Space

Final outcomes for the half term

- To be able to name some facts about the different planets.
- To say why we need the Sun and how does it help us?
- To talk about some of the features of our planet and how it is different compared to some of the other planets.

Communication and Language

I will be...

- ★ Listening to and talking about selected non-fiction to develop a deep familiarity with new knowledge and vocabulary.
- ★ Describing events in some detail.
- ★ Using talk to help work out problems and organise thinking and activities explain how things work and why they might happen.
- ★ Developing social phrases. To speak in full sentences.
- ★ Working with a partner to solve a problem, talking and explaining my opinions. Justifying answers to 'how' and 'why' questions.
- ★ To be able to ask and answer what, where, who, how and when questions.

<p>Literacy I will be...</p> <ul style="list-style-type: none">★ Forming lower-case and capital letters correctly.★ Spelling words by identifying the sounds and then writing the sound with letter/s.★ Reading simple phrases and sentences made up of words with known letter-sound correspondences and, where necessary, a few exception words.	<p>Physical Development I will be...</p> <ul style="list-style-type: none">★ Developing the overall body strength, co-ordination, balance and agility needed to engage successfully with future physical education sessions and other physical disciplines including dance, gymnastics, sport and swimming.★ Further developing and refining a range of ball skills including: throwing, catching, kicking, passing, batting, and aiming.★ Developing confidence, competence, precision and accuracy when engaging in activities that involve a ball.★ Tinkering tools - using tools safely and for purpose.
<p>Numeracy I will be...</p> <ul style="list-style-type: none">★ Exploring the composition of numbers to 10.★ Automatically recalling number bonds for numbers 0-10★ Counting beyond ten★ Continuing, copying and creating repeating patterns★ Selecting, rotating and manipulating shapes in order to develop spatial reasoning skills.★ One more and one less than a given number up to 20★ 2D shapes and 3D shapes★ Estimation★ Sharing★ Ordering numbers★ Addition related problem solving★ Number bonds to 10★ Weighing (vocab- light, lighter, heavy, heavier and heaviest)★ Measuring (vocab- tall, taller tallest, short, shorter, shortest).	<p>Expressive Arts and Design I will be...</p> <ul style="list-style-type: none">★ Exploring, using and refining a variety of artistic effects to express my ideas and feelings.★ Returning to and building on my previous learning, refining ideas and developing my ability to represent them.★ Creating collaboratively sharing ideas, resources and skills.★ Explore write dance and how this helps us to understand features of music, such as tempo, volume and style.★ 3D model planets★ Junk modelling (children create their own rockets using various resources).★ Baking★ Using various resources to create pictures of the solar system.
<p>Personal, Social and Emotional Development I will be...</p> <ul style="list-style-type: none">★ Thinking about the perspectives of others.★ Building constructive and respectful relationships.★ Expressing my feelings and considering the feelings of others.	<p>Understanding the World I will be...</p> <ul style="list-style-type: none">★ Commenting on images of familiar situations in the past.★ Comparing and contrasting characters from stories, including figures from the past.★ Drawing information from a simple map.★ Understanding similarities and differences in relation to places, objects, materials and living things. Relating this to not only our planet, but also to our country and even our region.