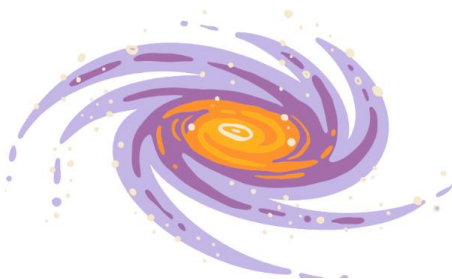


English - To start our 'Blast Off' learning experience we will be reading 'Toys in Space' by Mini Grey, in which the children will discover a box of lost toys which has mysteriously landed in the classroom. Year One children will continue to use adjectives to give deeper descriptions in their writing, as well as using prepositions. Year Two will learn to spell using suffixes such as -ment, -ness, -ful, -less and -ly as well as focusing on choosing the correct choice of present or past tense, being able to use these consistently through their own independent writing tasks. In EYFS we will begin to write sentences to share meaning, including using full stops, capital letters and finger spaces.

Maths - During this half term, EYFS will begin by recapping knowledge of numbers 0-5 including their composition as well as rapidly recalling one more than and one less than. We will then move on to mass, experiencing these through hands-on activities where children will use the vocabulary including lighter and heavier. Children in Year One will focus on the place value of numbers to 50, before moving onto multiplication and division. Year Two will begin the term focusing on multiplication and division, particularly focusing on their 2's, 5's and 10 times tables. Children will be able to make and share numbers equally between different groups and understand what the \times and \div symbols mean. We will also discuss how multiplication is commutative, and how division is not and needs to be done in a certain order.

Science - During our Science lessons this half term we will be learning about Materials and their properties. We will be conducting a variety of experiments to understand the best uses of materials and how they may be suitable for some items, but not for others. We will be looking at what materials make the best umbrellas, comparing materials and making suggestions as to why certain materials have a particular use.

R.E - In R.E our EYFS children will be exploring God and Creation, learning about what Christians believe happened to create the world. As part of this learning, the children will retell the creation story and identify ways in which we can look after our world and ourselves. In KS1 the children will be exploring Judaism, understanding that Jews believe in one God, who created the universe and they will look at elements of the story found in Genesis. The children will learn that Jews live all over the world, but Israel is considered very special, as it was promised to Abraham and his descendants, by God.





Gratitude- Through our learning experience, children will explore the value of gratitude by learning to appreciate the world around them and the people who help us understand it. By comparing Earth with other planets, children will recognise why Earth is special and develop thankfulness for having air, water, food and a safe place to live. They will learn about astronauts and scientists and be encouraged to feel grateful for the teamwork and bravery that helps us discover new things about space. Throughout the experience, children will be supported to show gratitude by caring for their environment, looking after resources and saying thank you to others.

Rationale: This learning experience will inspire curiosity and imagination while providing meaningful cross-curricular learning. By exploring significant individuals such as Neil Armstrong and Mae Jemison, children will develop an early understanding of the past and learn that exploration and achievement are open to everyone. In science, children will investigate everyday materials in the context of space, developing observation and enquiry skills. In design and technology, the designing and building of pneumatic rockets will encourage creativity, problem-solving and an understanding of cause and effect. This learning experience provides an engaging context that supports communication, collaboration and curiosity, laying strong foundations for future learning.

Start Date: Tuesday 6th January 2026

End Date: Friday 13th February 2026

Hook: - On **Friday 23rd January**, we will be going to We Are The Curious in Bristol to experience the planetarium and complete a workshop, where we will build our own spacesuits using different materials. We will also get a chance to explore the rest of the exhibits too! Details to follow separately.

Outcome: In our experimentation afternoon the children will test their newly built rockets to see which rockets go the furthest and are the strongest. The children look carefully at each other's creations, thinking about whether they meet our design criteria and what could be improved in the future.

Design & Technology: Over the course of this learning experience, the children will be researching, designing, building and evaluating their own rockets which will use pneumatics to fly. The children will research a range of different pneumatic devices to understand which would work most effectively for their rocket. As part of this project the children will need to understand how to make a strong and stable structure (the rocket) so that it is able to complete its mission!

Take home task: - Head outside into your garden/open space at nighttime and explore the sky with your family. What kind of things can you see? Make a list or take pictures to share with the class. Or research a specific planet or star you have seen to learn more about. Around the 2nd February will be the snow moon - head outdoors to take a look! **Please bring your take home task into school by 9th February 2026.**

How you can support your child at home:

- **Practicing 2's, 5's, 10's and 3's times tables. (KS1 only)**
- Reading five times a week
- Talk about what they are learning at school
- Helping them to learn to read and spell their Common Exception Words.
- Working together to complete their weekly Home Learning.