



## Curriculum Map: Space

### Personal, Social & Emotional

The children will be developing confidence to try new skills and activities, seeking challenge. We will be discussing feelings and emotions:

- To talk about their feelings and how others might be feeling.
- Talk with others to solve conflicts and negotiate.
- Understanding of why we have rules.
- Show resilience and perseverance to new challenges in learning and experiences.

### Communication & Language

The children will be learning new vocabulary linked to our topic. Through role play and investigations they will be finding out and sharing information.

- To listen to stories and events and respond with comments and questions.
- Work out problems and organise thinking and activities with others in play.
- Investigate and explain how things work and why they might happen.
- Asking questions to find out more information and check their understanding.
- Engage in and talk about non-fiction.
- Learn rhymes, poems and songs.

### Visits and events:

- Secret story tellers
- World Book Day
- British Science week
- Professor Brainstorm Science workshop.
- Planetarium
- Park visit.

### Physical Development

The children will be developing fine motor skills for letter formation and handwriting. We will be taking part in team games to refine a range of skills:

- Collaborate with others in physical tasks, both child led and adult directed activities.
- Develop the overall body strength, co-ordination, balance and agility to participate in physical activities and sport.
- Negotiate space safely.
- Pencil grip, control and accurate handwriting.

### Numeracy

The children will be exploring counting sequence and larger numbers. Accurate counting to add and subtract practically. Children will be investigating weight:

- Counting objects and comparing numbers.
- Identifying one more and one less.
- Addition and counting on to find the total.
- Comparing and ordering objects by weight.
- Recalling number bonds and using a tens frame to recognise the pattern of numbers.
- Subtraction stories and practical work.
- Number and quantity activities.

### Literacy

We will be sharing fiction and non-fiction books to further explore our topic on Space. Children will be using their imagination to develop stories around a space adventure.

- Developing ideas for a story – what might happen on our journey to space? Story map.
- Using non-fiction books and ICT to write facts.
- To use adjectives to describe characters.
- To write and draw a list of items.
- Sentence building activities.
- Explore rhyme and poetry to develop a poem.
- Building fluency in reading.
- Retelling stories using new vocabulary.

### Understanding the World

We will continue to explore forces. We will find out about space travel and the landing on the moon. Children will investigate our Solar System. Children will learn:

- **In Science:** Exploring forces and magnets. What is gravity?
- **In History:** Space discovery and Neil Armstrong landing on the moon.
- **In Geography:** Planets in our Solar System, stars and constellations.
- **RE:** Easter story. Why is Easter special for Christians?

### Expressive Arts & Design

The children will be exploring space through role play and imagination. They will be using a range of different materials to create and construct rockets and robots. They will:

- Develop drawing skills to add detail to pictures.
- Explore techniques and design, making changes to develop ideas.
- Develop complex stories using small world.
- Story telling and narratives to explore imaginative ideas to go on a space journey.
- Joining materials and exploring textures.
- Using materials and resources to build and construct.
- Safely use and explore a range of tools.

### Outdoor Learning

- Building a rocket using different materials.
- Meteor discovery!
- Rocket launch and exploring gravity.
- A time capsule!
- Fallen star.
- Signs of Spring.