



Destination Outer Space

Successful Learners
Areas of Learning
<p><i>We will learn the possibilities of science, design and technology, inspiring us to become the scientists, engineers, designers and innovators of the future and how to be informed citizens responsive to the needs of others and the world in which we live.</i></p> <p>As scientists we will:</p> <ul style="list-style-type: none"> -explore and observe in order to collect data and describe and compare their observations and findings - apply our knowledge and understanding to our practical work <p>As geographers we will:</p> <ul style="list-style-type: none"> - learn about the links between their locality and other places in the UK and beyond <p>As historians we will:</p> <ul style="list-style-type: none"> - use the internet and other digital sources and simulations to find out about significant events and people - find out about the lives of significant people and events from the past and present <p>As design and technologists we will:</p> <ul style="list-style-type: none"> - give instructions to make things happen using programmable devices <p>As artists we will:</p> <ul style="list-style-type: none"> -explore a wide range of media and materials, tools and techniques to create artworks, improvise and depict imagined worlds and model the real world through the arts <p>As sports people we will:</p> <ul style="list-style-type: none"> - learn about healthy lifestyles <p>As musicians we will:</p> <ul style="list-style-type: none"> - learn to make music with expression and control

Confident Learners
Enterprise
<p>As entrepreneurs we will:</p> <ul style="list-style-type: none"> -Learn about how scientists, engineers and designers work together. -Work with/alongside other children to design a balloon powered rocket ; endeavour to contribute ideas and complete the task. -Begin to understand the value and cost of the resources we are using.

Responsible Citizens
Places & Environment
<p>As people concerned with our environment we will:</p> <ul style="list-style-type: none"> -Show respect for our environment and the resources we are using. - be able to recognise the differences in seasonal variations within our environment - look at physical features of our planet on a globe on a map -experience the awe and wonder of our Planet and Solar system

Responsible Citizens
Social & Emotional Well-being
<p>In developing our social and emotional well-being, we will:</p> <ul style="list-style-type: none"> -set targets and goals and work towards them as we think about 'New Beginnings'. -learn about our feelings and ways in which we can impact on other people's feelings. - consider how we can be a good friend and solve disputes following the theme of 'getting on and falling out'

Responsible Citizens
Communities
<p>As members of a community we will :</p> <ul style="list-style-type: none"> -begin to think about some of the responsibilities people have towards each other. -learn more about our global community through our links with Uganda. -find out about how our school community differs and is the same as our link school, Friends World Primary.

YEAR 2 Spring Term Planning (2018)

Essentials for Learning and Life		Areas of Learning
Using communication	Essentials	Historical, Geographical and Social Understanding
<p>Children will have opportunities to:</p> <ul style="list-style-type: none"> Read and engage with quality texts linked to Space, e.g. 'How to catch a star' and 'The way back home' by Oliver Jeffers. Develop Talk for Writing from animations, like 'Baboon on the Moon'. Engage in independent writing tasks linked to Space, e.g.; Space ship log Job description for an astronaut Safety instructions Instructions for lift-off and for making a rocket. Planet descriptions 	<p>Learning and thinking skills: Children learn how to:</p> <ul style="list-style-type: none"> Ask relevant questions Plan to present information. Create and develop criteria for a space role play area Create and evaluate ideas for design Recognise similarities and differences Analyse information <p>Personal and emotional skills Children learn how to:</p> <ul style="list-style-type: none"> Identify strengths and weaknesses. Set goals and time scales Manage time Work independently and as part of a team Think about and respect the views of people from different countries and religions <p>Social skills Children learn how to:</p> <ul style="list-style-type: none"> Listen and respond appropriately Work collaboratively Give support and feedback to others <p>SEAL themes: New Beginnings/ Getting on and falling out</p>	<p>Children will have the opportunity to:</p> <p>Use ICT sources, books and photos to find out about the first lunar landing and Neil Armstrong. Sequence the events of the lunar landing. Distinguish between different sources when learning about the moon and space. We will explore the planet we live on using a globe, and identify where key countries / places linked to space exploration are (e.g. Cape Canaveral). We will learn about our location on our planet and consider the positives and negatives about our environment. We will express what we like and dislike about our environment. We will learn about the location and environment of our link school in Uganda. We will find out how far away Uganda is and how we would travel there. Find out about Christmas traditions in the past and from around the globe.</p>
Using mathematics		Scientific and Technological Understanding
<p>Children will have opportunity to:</p> <ul style="list-style-type: none"> Weigh and measure objects to take on board a spaceship Solve number problems related to Space Measure materials and use shapes for modelling Record and interpret data Use ICT to present information Collect and represent data - make a graph of favourite planets. Order planets in terms of size and distance from the sun. 	<p>Religious Education/Music</p> <p>In RE, children will have the opportunity to: Experience awe and wonder – Star dome / Dark den / Planets Links will be made with light and sound in Christianity and Judaism. Year 2 will find out about the Jewish festivals of Rosh Hashanah and Yom Kippur. We will learn about the Christian meaning of Christmas and associated traditions. In Music, children will have the opportunity to: Listen to / compose music- Holst planets, space sounds, exploring instruments and symbols, compose space music.</p>	<p>Children will have the opportunity to:</p> <ul style="list-style-type: none"> Find out about our solar system. investigate sources of sound and how distance can affect how we hear sounds. find out about how hearing has a range of purposes. investigate the features and characteristics of different materials. identify how materials are used for different purposes.
Using ICT		Understanding Physical Development, Health & Well-being
<p>Using the internet and learning resources to research information about Space. - Present information using Publisher/PowerPoint combining pictures and text - Use a graphics/drawing package to create images of Space and Spacecraft . -Use Control sequences to move floor robot s (Beebots) - Create animations e.g. rocket launch / create alien creatures. (Literacy link)</p>		<p>OUTDOOR: we will develop our coordination, control, manipulation and movement. We will consider how physical exercise enhances health and fitness and contributes towards physical development. We will work individually and as part of a team. INDOOR: In gym we will develop a range of skills and actions e.g. balancing, rolling, taking off and landing, turning and rolling. In dance we will express ourselves through movement linked to the theme of 'space'. We will consider how to enhance and link movements.</p>
		Understanding the Arts
		<p>Children will have the opportunity to;</p> <ul style="list-style-type: none"> Explore colour mixing and marbling to create planet pictures Design and create a moving alien Make Moon rock cakes. Use modelling / collage to create Moon/planet surfaces, Make a planet mobile. Create our own version of 'Starry Night' by Vincent Van Gogh.