

Topic: Space**Durham Lane Primary School: Topic Planning Year B****Term: Spring 2****Class: Nursery & Reception****Teacher: Mrs Guest & Mrs Khan**

Subjects	Objectives	Key Knowledge	Key Vocabulary	Skills	Activities/ Tasks
History (Understanding the World)	<ul style="list-style-type: none"> Compare and contrast characters from stories, including figures from the past. Show interest in different occupations. 	<p>To know the moon was landed on by an astronaut.</p> <p>To know that the first man on the moon was called Neil Armstrong.</p> <p>To know that this happened in the past before they were born.</p> <p>To know that this was a very important event for the world.</p>	<p>Nursery</p> <p>Moon Crater Earth Space Rocket Astronaut Equipment</p> <p>Reception</p> <p>Space Solar system (Names of the planets) Gravity</p>	<p>Chronological understanding</p> <ul style="list-style-type: none"> Children talk about past and present events <p>Interpretations of history</p> <ul style="list-style-type: none"> Children talk about past and present events <p>Historical enquiry</p> <ul style="list-style-type: none"> Children develop their own narratives and explanations by connecting ideas or events. 	<p>Watch the Moon Landings</p> <p>The first man on the moon.</p> <p>Moon Landing dance – sequence of events</p>
Geography (Understanding the World)	<ul style="list-style-type: none"> Draw information from a simple map. Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 	<p>To know that we live on a planet called Earth.</p> <p>To know that there are other planets.</p> <p>To know that the sun is a star and that is important to life.</p> <p>To know that different parts of the world have different characteristics.</p>	<p>Nursery</p> <p>Earth Planet Desert Forest City Sea Arctic Mountains Rainforest Beach Weather</p> <p>Reception</p> <p>Similar Different Environment Process</p>	<p>Geographical Enquiry</p> <ul style="list-style-type: none"> Children are encouraged to talk about the features of their own immediate environment and how environments might vary from one another. Children develop their own narratives and explanations by connecting ideas or events <p>Representation</p> <ul style="list-style-type: none"> They talk about features of their own environment. Children create simple representations of events, objects and people. 	<p>Look at a globe - talk about the different colours.</p> <p>Look at water and land on a map.</p> <p>Our World: Sea, City, Countryside, Sky</p> <p>Match different animals to the different environments.</p> <p>Talk about different climates</p> <p>Read and talk about the Town Mouse and the Country Mouse.</p>
Science (Understanding the World)	<ul style="list-style-type: none"> Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Know that there are different countries in the world and talk about 	<p>To know that space is beyond the sky.</p> <p>To know that we use telescopes to see into space</p> <p>To know that there are stars, moons and planets in space.</p> <p>To know that the planets have different names and different characteristics</p>	<p>Nursery</p> <p>Telescope Planets Star Moon Crater Spring</p>	<p>Asking Questions & Planning Enquiries</p> <ul style="list-style-type: none"> Comment and asks questions about aspects of their familiar world Show curiosity about objects, events and people Question why things happen Choose the resources they need for their chosen activities: 	<p>Where is space?</p> <p>How can we see into space - Make telescopes</p> <p>What is in space - Planets - We live on earth and earth is a planet.</p> <p>Planets - name the planets and talk about simple facts.</p> <p>Talk about the order of planets.</p>

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	<p>differences they have experienced or seen in photos. Use all their senses in hands-on exploration of natural materials.</p> <ul style="list-style-type: none">• Explore collections of materials with similar and/or different properties.• Talk about what they see, using a wide vocabulary. <p>Show interest in different occupations Recognise some environments that are different to the one in which they live.</p>	<p>To know that different animals need to live in different environments</p> <p>To know that people who travel into space are called astronauts. To know that they travel in space craft.</p> <p>To know that astronauts need special clothing.</p> <p>To know that our moon has craters.</p> <p>To know that the sun is a star and gives us heat and light</p> <p>To know that there are seasons and that changes happen with the season changes.</p>	Reception Solar system Gravity Aliens Craters Oxygen Season	Testing, Measuring & Recording <ul style="list-style-type: none">• Use senses to explore the world around them.• Handle equipment and tools effectively.• Select and use technology for a particular purpose• Find ways to solve problems• Use everyday language to talk about size, weight, capacity, position, distance and time to compare quantities and objects and solve problems. Concluding <ul style="list-style-type: none">• Make links and notice patterns in their experience• Develop their own narratives and explanations by connecting ideas or events• Talk about why things happen and how things work.	<p>How do we know about space? How do we get into space? Read Roaring Rockets. What does an astronaut do and wear? Dance like an Astronaut - fly around the planets The Moon - Look at pictures. Talk about craters. Make cornflower craters. Read Whatever Next and pack a bag for the moon. Watch the Moon Landings. The first man on the moon. Bake moon and star biscuits. Compare the sun and the moon and night and day Alien life - Aliens Love Underpants Stories Make Aliens using 2D shape and 3D shapes Spring Walk – observing changes in the school grounds. Record changes at Spring time.</p>
Art (Expressive Arts and Design)	<ul style="list-style-type: none">• Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.• Share their creations, explaining the process they have used.• Make use of props and materials when role playing characters in narratives and stories.• Explore, use and refine a variety of artistic effects to express their ideas and feelings.• Return to and build on their previous learning, refining ideas and developing their ability to represent them.• Create collaboratively, sharing ideas, resources and skills.• Make imaginative and complex ‘small worlds’ with blocks and construction kits, such as a city with different buildings and a park.• Explore different materials freely, to develop their ideas about how to use them and what to make.	<p>To know tools and resources can be used to join and adjust materials. To know resources can be used to represent ideas and objects. To know that artist have produced art works related to space. To know how to complete simple printing techniques. To know that things can be added to paint to create texture.</p>	Nursery Decorate Model Join Attach Light Dark Background. Reception Technique Creation Materials	Exploring/ Evaluating and developing ideas <ul style="list-style-type: none">• They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.• Children use what they have learnt about media and materials in original ways, thinking about uses and purposes.• They represent their own ideas, thoughts and feelings through design and technology. Painting <ul style="list-style-type: none">• Children show an interest in a range of paintings and sculptures, trying to recreate some of them.• Children develop the skills needed to paint e.g. they are able to mix some colours.• Children can use simple skills when painting a picture or making a model e.g.• They know how to stop the paint from dripping.	<p>Make and decorate telescopes. Make rockets/space ships - junk model. Roller paint and print the night sky - Starry Starry night Vincent Van Gogh Moon - Print circles to make craters on paper plates. Use puffy paint. Make Aliens using 2D shape and 3D shapes. Decorate Easter Eggs. Easter crafts - Easter cards. Spring crafts. Make flower art</p>

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