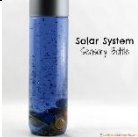





Exploring Space

(please read the whole document before making as each area of learning is focused on a different part of the project)

<u>Areas of Learning:</u>	<u>Early learning Goal:</u>	<u>Task/Activity:</u>
<p>Expressive Art and Design: Exploring and using media and materials</p>	<p>Children sing songs, make music and dance, and experiment with ways of changing them. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p>	<p>To create a rocket / spaceship / star using different materials and tools. This could be made using:</p> <ul style="list-style-type: none"> • Recycled cardboard or plastics - junk modelling. • Art and crafts equipment such as paper, card, paints, pens, tinfoil, pencils etc. • Construction kits such as Lego and Knex
<p>Personal, Social and Emotional Development: Self-confidence and self-awareness</p>	<p>Children are confident to try new activities and say why they like some activities more than others. They are confident to speak in a familiar group, will talk about their ideas, and will choose the resources they need for their chosen activities. They say when they do or don't need help.</p>	<div style="display: flex; align-items: center;">  <div> <p>Make a solar system sensory bottle using things around the house. Marbles, tinfoil, glitter, blue food colouring - whatever you like! Discuss how it was made and recall all of the things inside it.</p> </div> </div>

<p>Communication and Language: Speaking</p>	<p>Children express themselves effectively, showing awareness of listeners' needs. They use past, present and future forms accurately when talking about events that have happened or are to happen in the future. They develop their own narratives and explanations by connecting ideas or events.</p>	<p>Discuss: How would you catch a star? Describe a planet to your parent or guardian? Can they guess which one it is? Can you create your own space story? Which toy would you take to the moon and why?</p>
<p>Physical development: Moving and Handling</p>	<p>Children show good control and co-ordination in large and small movements. They move confidently in a range of ways, safely negotiating space. They handle equipment and tools effectively, including pencils for writing.</p>	<p>Use a Space hopper in the garden? (If you have one) Walk like a Spaceman/Spacewoman Build a rocket outside using garden equipment Draw a rocket, spaceman, space picture outside, using a paintbrush and water or some chalk</p>
<p>Literacy: Reading</p>	<p>Children read and understand simple sentences. They use phonic knowledge to decode regular words and read them aloud accurately. They also read some common irregular words. They demonstrate understanding when talking with others about what they have read.</p>	<p>Listen to How to catch a star https://www.youtube.com/watch?v=rDMnOx7w6OA Read the story: https://www.youtube.com/watch?v=bdXYσE5qGIY Can they spot the tricky words: <u>Phase 2:</u> I, the, go, no, to, into <u>Phase 3:</u> he, she, we, me, be, they, you, all, are, my, her, was <u>Phase 4:</u> have, like, so, do, some, come, said, were, there, little, one, when, what, out Make sure they read bug club too! Lots of books on there.</p>
<p>Literacy: Writing</p>	<p>Children use their phonic knowledge to write words in ways which match their</p>	<p>Watch and listen to the story 'How to Catch a Star'. https://www.youtube.com/watch?v=rDMnOx7</p>

	<p>spoken sounds. They also write some irregular common words. They write simple sentences which can be read by themselves and others. Some words are spelt correctly and others are phonetically plausible.</p>	<p>w60A</p> <p>Can they retell the story? Draw their favourite part of the story and write a sentence about it.</p> <p>What equipment would they take to the moon? Can they write a list? (Remembering features of a list)</p> <p>(Depending of their development you may see initial letters or phonics sounds they know used incorrectly. This is normal and part of the development process, please praise!)</p>
<p>Mathematics: Number</p>	<p>Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing.</p>	 <p>Make moon rocks using tinfoil / paper. Roll a dice and then throw that many moon rocks in a container. Roll again and throw the moon rocks. How many moon rocks do you have all together? Can you write down the number sentence? Now roll again - this time take the moon rocks out. How many do you have left? Write down the number sentence. Repeat 😊 Can they count backwards from 10? 20? Then blast off!</p>
<p>Mathematics: Shape, Space and Measure</p>	<p>Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. They recognise, create and describe patterns. They explore characteristics of everyday objects and shapes and use mathematical language to describe them.</p>	<p>Make a rocket out of 3D shapes in your house. Draw a rocket using 2D shapes. Print off pictures of the planets from Twinkl - Can you order the planets by size? Talk about the shapes of each item. Can you describe it?</p>

<p>Understanding the World: The World</p>	<p>Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur and talk about changes.</p>	<p>How do we travel to the moon? Watch a few NASA videos Who is Neil Armstrong? How is space different to earth?</p>
<p>Understanding the World: People and communities</p>	<p>Children talk about past and present events in their own lives and in the lives of family members. They know that other children don't always enjoy the same things and are sensitive to this. They know about similarities and differences between themselves and others, and among families, communities and traditions.</p>	<p>Can they talk about the story they have read? Do they know any other space stories? (Aliens love underpants?) Is the story something that can happen in real life or is it fantasy? Has something happened to them similar to the problem in the story? Have you kept on trying to achieve something? Did you do it?</p>
<p>Understanding the World: Technology</p>	<p>Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.</p>	<p>With your parent, can you use a device to search for information about space, Neil Armstrong, star constellations? What did you use? Could you print anything off?</p>

Other ideas that cover more than one area of learning:

Make star biscuits and decorate

Make Play-Doh - recipe 2 cups plain flour, 2 tablespoons veg oil, ½ cup salt, 2 tablespoons cream of tartar, 1 ½ cups of boiling water.

Make 'rock' cakes

Record yourself singing 'Twinkle Twinkle.' - Can you do the actions too?