

Medium Term Planning: Space

WB: 5.1.22 Development Matters Reception Outcomes

Personal, Social and Emotional Development	Communication and Language	Physical Development
<p>Build constructive and respectful relationships. Express their feelings and consider the feelings of others. Show resilience and perseverance in the face of challenge.</p> <p>Activities: Talk about their knowledge of space. Ask questions about what they would like to learn. Join in discussions about space. Share when playing with resources.</p>	<p>Learn new vocabulary. Use new vocabulary through the day. Articulate their ideas and thoughts in well-formed sentences. Connect one idea or action to another using a range of connectives. Describe events in some detail. Listen to and talk about stories to build familiarity and understanding.</p> <p>Activities:</p> <p>Act out scenarios involving space adventures.</p> <p>Build up a range of space related vocabulary, e.g. the names of the planets, shuttle, orbit, gravity, astronaut, asteroid, crater.</p>	<p>Know and talk about the different features that support their overall health & well-being: healthy eating, sleep, physical exercise Develop their small motor skills so that they can use a range of tools competently, safely and confidently. Suggested tools: pencils for drawing and writing, paintbrushes, scissors, knives, forks and spoons. Develop overall body-strength, balance, co-ordination and agility. Develop the foundations of a handwriting style which is fast, accurate and efficient. Confidently & safely use a range of large and small apparatus indoors & outdoors</p> <p>Activities: Discover how astronauts stay healthy in space. Compare to how we stay healthy. Find out which food they eat and talk about why we need a variety of food. Act out adventures involving space using big equipment to jump off and build with. Create a moonscape using different materials, using tools to effect changes. Climb and jump off apparatus in PE as a space adventure. Investigate how astronauts move in space.</p>

The Specific areas of learning

Literacy	Mathematics	Understanding the World	Expressive Arts and Design
<p>Blend sounds into words, so that they can read short words made up of known letter-sound correspondences. Read simple phrases and sentences made up of words with known letter-sound correspondences and, where necessary, a few exception words. Form lower-case and capital letters correctly. Spell words by identifying the sounds and then writing the sound with letter/s. Write short sentences with words with known letter-sound correspondences using a capital letter and a full stop. Re-read what they have written to check that it makes sense.</p> <p>Activities: Read simple information about the planets using Phase 3 phonics and tricky words. Use the computer to research simple facts about space. Write sentences to match pictures about space.</p>	<p>Count objects, actions and sounds. Subitise. Link the number symbol (numeral) with its cardinal number value. Count beyond ten. Compare numbers. Understand the 'one more than/one less than' relationship between consecutive numbers. Explore the composition of numbers to 10. Compare length, weight and capacity. Select, rotate & manipulate shapes to develop spatial reasoning skills. Automatically recall number bonds for numbers 0-5 & some to 10.</p> <p>Activities: Count out features on aliens and draw aliens with features to match a numeral. Create alien doubles using printing, to show how the aliens have doubled their legs/arms/heads when the paper is folded over and printed onto the other side. Write the numerals to match. Build space station/rockets using junk modelling and name the shapes they have used. Estimate how many stars they can see on the power point then check by counting. Make rockets using 2D shapes then use these plans to create the 3D version using the blocks outside.</p>	<p>Compare and contrast characters from stories, including figures from the past. Comment on images of familiar situations in the past. Draw information from a simple map. Explore the natural world around them. Recognise some environments are different to the one they live in.</p> <p>Activities: Find out about the similarities and differences of Earth compared to other planets. Look at pictures, video footage of when Neil Armstrong landed on the moon. Describe what he did. Learn the space song. Help to order the planets from a simple map & find out about their features. Describe what it is like in space? How is it different to being on earth?</p>	<p>Develop storylines in their pretend play. Create collaboratively, sharing ideas, resources and skills.</p> <p>Activities Act out Space adventures. Create representations of aliens, planets and rockets using a range of techniques and resources. Create props to support role play.</p>