

# Turton and Edgworth Curriculum Medium Term Plan

## Reception Spring 2: *Look Up! Look Down! Look All Around: Space*

Week	Area of learning/ activity
1	<p data-bbox="353 440 1397 467"><b>Where do we live? What planet do we live on? What does Earth look like from space?</b></p> <p data-bbox="353 475 875 502"><b>Chinese New Year celebrations and stories</b></p> <p data-bbox="353 547 1818 647">UTW (Past and Present): Talk about the lives of those in their own families. Know some differences between things in the past and now, drawing on their experiences and what has been read in class. Understand the past through characters encountered in books read in class and storytelling.</p> <p data-bbox="353 691 1973 826">UTW (People, Culture and Communities): Know some differences between different religious and cultural communities in this country, drawing on their experiences and what has been read in class. Explain some differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps. Describe their immediate environment using knowledge from observation and discussion.</p> <p data-bbox="353 869 1995 935">UTW (The Natural World): 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.</p> <p data-bbox="353 978 1944 1043">Discuss the Great Wall of China images – so big it can be seen from Space. Where is China? Look at maps. What special event is being celebrated at the moment? Learn about Chinese New Year and how it is celebrated.</p> <p data-bbox="353 1086 1120 1114">Books: The Great Race: Story of the Chinese Zodiac – Emily Hiles</p> <p data-bbox="353 1137 719 1165">Lunar New Year – Natasha Yim</p> <p data-bbox="353 1241 763 1268">Role play area: Chinese restaurant</p>

2	<p><b>What are the names of the planets in our solar system</b></p> <p>UTW (The Natural World): 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.</p> <p>UTW (People, Culture and Communities): Describe their immediate environment using knowledge from observation and discussion.</p> <p>Discuss our solar system and the planets. What do we already know about space?</p> <p>Role play area: Space station</p> <p>Books: Look inside Space – Roby Lloyd Jones</p>
3	<p><b>Who travels to space? What are the names of some famous astronauts? How do astronauts travel to space? What can be found in space?</b></p> <p>UTW (Past and Present): Talk about the lives of those in their own families.</p> <p>Know some differences between things in the past and now, drawing on their experiences and what has been read in class.</p> <p>UTW (The Natural World): 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.</p> <p>STEM Super Learning Day – design and make straw and paper rockets for launching. Discuss space travel and asteroids. Learn about famous astronauts and learn some facts about Mae Jemison.</p> <p>Role play area: Space station</p> <p>Books: Whatever Next – Jill Murphy</p>

4	<p><b>How do Astronauts prepare for space travel</b></p> <p>UTW (The Natural World): Explore the natural world around them. Know some differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Talk about processes and changes in the natural world around them.</p> <p><b>Astronaut training school</b></p> <p><i>Complete physical training exercises and learn about preparation for prolonged space travel</i></p> <p><i>Learn to walk in space, discussing the effects of low to zero gravity.</i></p> <p><i>Look at astronaut food (dried) and videos of astronauts aboard the ISS - how do astronauts eat/drink/sleep/ brush their teeth in space?</i></p> <p>Learn about how the planets orbit the sun and where each planet is in relation to the sun.</p> <p>Discuss astronaut clothing and equipment and prepare a rocket for launch.</p> <p><b>Role play area: Space Station</b></p> <p>Books: The Loon on the Moon- Chae Strathie and Emily Golden</p>
5	<p><b>What are the constellations? What are stars? How have people used stars throughout history to help them travel?</b></p> <p>UTW (People, Culture and Communities): Describe their immediate environment using knowledge from observation and discussion.</p> <p>UTW (Past and Present): Talk about the lives of those in their own families.</p> <p>Know some differences between things in the past and now, drawing on their experiences and what has been read in class.</p> <p>Understand the past through characters encountered in books read in class and storytelling.</p> <p>Discuss stars and why they seem to twinkle (the light travelling a long way to reach Earth makes them appear to twinkle). Learn about the constellations and make chalk pictures of these.</p> <p>Role play area: Space Station</p> <p>Books: Look up – Nathan Bryon and Dapa Adeola</p>

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**What do we already know about the moon?**

UTW (Past and Present): Talk about the lives of those in their own families.

Know some differences between things in the past and now, drawing on their experiences and what has been read in class.

Understand the past through characters encountered in books read in class and storytelling.

Discuss the moon and why it appears to shine (it reflects the sun's light). Discuss how the moon orbits Earth. Learn about the phases of the moon and why it appears to shrink and then grow again. Learn about the moon landings and astronauts who have landed on the moon. Discuss photos from the moon and what we notice (craters/ astronauts footprint that remains due to the lack of atmosphere). What would it be like to walk on the moon?

Books: What is the Moon? – Katy Daynes

Night time around the world: Moon - Britta Teentrap