



Week 14: 22.06.2020: Learning Project - Space

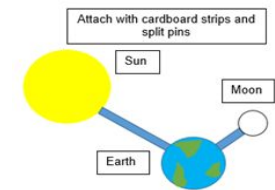
Age Range: Year 5

Weekly Reading Tasks	Weekly Spelling Tasks
<p><b>Monday</b> - Task your child with reading unusual things in unusual spaces e.g. a recipe book in the bath. Draw pictures to show the unusual places.</p>	<p><b>Monday</b> - Pick 5 common exception words from the Year 5/6 <a href="#">spelling list</a> to add to your word bank.</p>
<p><b>Tuesday</b> - Visit <a href="#">World Book Online</a> using Username: wbsupport and Password: distancelearn. Your child can read the eBook <b>Human Space Exploration</b>.</p>	<p><b>Tuesday</b> - Encourage your child to organise these synonyms from slowest to fastest: <b>quickly, speedily, swiftly, hurriedly &amp; in a flash</b>.</p>
<p><b>Wednesday</b> - Click <a href="#">here</a> for a reading activity about Space Tourism. Challenge your child to read the text in 3 minutes and complete the questions.</p>	<p><b>Wednesday</b> - Some words contain the letter string <b>-ough-</b> Can your child use this knowledge to complete <a href="#">these sentences against the clock?</a></p>
<p><b>Thursday</b> - Ask your child to listen to or read along to the poem <a href="#">Cosmic Disco</a>. What does your child think is the main idea in the poem?</p>	<p><b>Thursday</b> - Task your child with identifying any space related words from the poem <a href="#">Cosmic Disco</a> to add to their word bank.</p>
<p><b>Friday</b> - Encourage your child to research information on <a href="#">past space expeditions</a>. Which expedition was the most impressive? Why?</p>	<p><b>Friday</b> - Get your child to proofread their writing from the day. Encourage them to use a <a href="#">dictionary</a> to check the spelling of any words that they found challenging.</p>
Weekly Writing Tasks	Weekly Maths Tasks - Measurements
<p><b>Monday</b> - Your child can create a comic strip retelling <a href="#">Armstrong's</a> mission to the moon.</p>	<p><b>Monday</b> - Make notes while watching these <a href="#">videos</a>, then use the most important points to make a revision journal.</p>
<p><b>Tuesday</b> - Ask your child to pretend they have woken up to find an alien at the end of their bed. Write a detailed description of the alien thinking about size, appearance and the sounds it makes. Draw it too!</p>	<p><b>Tuesday</b> - Order the planets based on the number of Earth days it takes for them to orbit the Sun- Saturn: 10,759 days, Earth: 365 days, Mercury: 88 days, Uranus: 30,687 days, Jupiter: 4,333 days, Mars: 687 days, Venus: 225 days &amp; Neptune: 60,190 days.</p>
<p><b>Wednesday</b> - Get your child to imagine that they are a news reporter, reporting on this alien visit. They can write a newspaper report. <a href="#">Remind your child of the features of a newspaper</a>.</p>	<p><b>Wednesday</b> - Your child could make a map of a new planet on squared paper. Each square on the map represents 5 metres squared (m<sup>2</sup>). It must include: mountains 220m<sup>2</sup>, a water source 140m<sup>2</sup> and three islands.</p>
<p><b>Thursday</b> - Ask your child to create a travel brochure for a newly discovered planet. Consider: travel time, location, accommodation and things to do and see.</p>	<p><b>Thursday</b> - Ask your child to play some of these <a href="#">online games</a>.</p>
<p><b>Friday</b> - Your child can write a persuasive letter/job application to NASA asking to be the next astronaut to go into space.</p>	<p><b>Friday</b> - Ask your child to answer the measurement questions set on <a href="#">MathsWatch</a>.</p>

## Learning Project - to be done throughout the week

The project this week aims to provide opportunities for your child to learn more about space. Learning may focus on our Solar System, the Sun and the Moon. It could look at life in outer space from the view of an astronaut and travelling through space.

- **Moon Moves** - Get your child to research the importance of the [Moon](#) to life on Earth. Ask your child to research the movement of the Moon relative to the Earth and create a model of the Earth, Moon and Sun.
- **Through Space and Time** - Ask your child to research space exploration history and create a timeline of how people have travelled into space. Get them to think about when the first rocket launch, first satellite into orbit, first animal in space, first person in space, first woman in space and first craft on a different planet.
- **Connect the Dots** - Ask your child to examine the different life stages of a star and explore the names and shapes of some famous [constellations](#), then make a creative poster to share what they know.
- **Dancing into Space** - Listen to Holst's '[The Planets](#)' with your child. Ask them to select a planet and decide what they think that planet would be like. Get them to create a dance or set of movements to go with the music which will portray this. Take a video of their dance to share with the family and encourage your child to self-evaluate whilst watching the video.
- **Mission to Space** - Get your child to research the different components of a spacecraft and using their understanding of this, design their own spacecraft. Get them to think carefully about what it needs to include in order for astronauts to survive in space and make a small scale model using resources from around the home. There might be inspiration [here](#).



## STEM Learning Opportunities

### **Mission X – Building a Bionic Hand**

It is difficult and tiring for humans to work in space. Bionic hands that can be remotely operated can help humans work more efficiently in space. Try making a model bionic hand using cardboard, straws, string and elastic bands. You will need to think about how a human hand works to help you with your design. You can find out more [here](#).

The Learning Projects are based on the **National Curriculum expectations** for the key stage which your child is in.

## #TheLearningProjects



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