



Learning Project Week Beginning 15th June 2020 – Space

Age Range: Years 5 and 6

Guidance for Parents

Each day your class teacher will upload a daily maths, English and PE lesson to the Google Classroom. Some days additional tasks, such as RE, will also be shared.

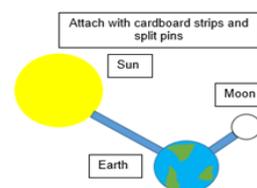
These lessons will be posted the evening before to give you and your child time to prepare for the following day's learning.

Additionally, **your child should also choose one of the suggested learning projects below to develop throughout the week.** Some children may want to go into greater depth as they are spreading this learning project over five days. Please encourage them to share this with their class teacher, whether it be through photographs or our weekly phone calls.

If you require any support with any of the tasks, please get in touch with your class teacher via Google Classroom.

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. Here is an idea of how your child could do it.
- **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 was launched? When did the first man travel to space? How about the first woman? What other significant events can they add to their timeline?
- **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](#). Ask your child to create a poster displaying the different constellations which can be used to teach others. Tell them to make it as creative as possible.
- **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/ 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. Can they make a small scale model using resources from around the home? There might be inspiration [here](#).

Optional extra learning activities

Some children may want to do additional learning throughout the week. The activities below can all be used to supplement the daily lessons if required.

Optional extra maths activities	Optional extra reading tasks
<ul style="list-style-type: none"> ● Get your child to play on Times Table Rockstars. ● There are a range of interactive quizzes linked to area and perimeter that your child can work through on this website. There are videos to help too. ● Find objects around the home and get your child to estimate the area and perimeter and then measure the actual area and perimeter. If you have not got a ruler at home use this online resource. ● Your child could make a map of a newly discovered planet. Provide them with a grid drawn onto paper. Each square on the map represents 5 metres squared (m^2). It must include: mountains $220m^2$, a water source $140m^2$, three islands that must each be between $120m^2$ and $240m^2$. ● Ask your child to have a go at the different activities in this NRICH task. This can be done on paper. 	<ul style="list-style-type: none"> ● Task your child with reading unusual things in unusual spaces e.g. a recipe book in the bath. How many unusual spaces can they find over the week? ● Visit Worldbookonline and login using Username: wbsupport and Password: distancelearn. Your child can read the eBook Human Space Exploration. Ask them to note down unfamiliar words and find out their meanings. ● Click here for a reading activity about Space Tourism. Challenge your child to read the text in 3 minutes and complete the questions. ● Ask your child to listen to or read along to the poem Cosmic Disco. What does your child think is the main idea in the poem? ● Encourage your child to research information on past space expeditions here. Which expedition was the most impressive? Why?
Optional extra spelling tasks	Optional extra writing tasks
<ul style="list-style-type: none"> ● Encourage your child to practise the Year 5/ 6 Common Exception Words (see list) ● Encourage your child to organise these synonyms from slowest to fastest: quickly, speedily, swiftly, hurriedly & in a flash. Which best describes a rocket launching into space? ● Some words contain the letter string - ough- Can your child use this knowledge to complete these sentences against the clock? ● Task your child with identifying any space related words from the poem Cosmic Disco. Can they draw illustrations to represent these words too? ● Get your child to proofread their writing from the day. Encourage them to use a dictionary to check the spelling of any words that they found challenging. 	<ul style="list-style-type: none"> ● Visit the Literacy Shed for this resource on Broken: Rock, Paer, Scissors or your child can create a comic strip retelling Armstrong's mission to the moon. ● 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! ● Get your child to imagine that they are a news reporter, reporting on this alien visit. They can write a newspaper report. Remind your child of the features of a newspaper. If they have access to a PC, they can type up their finished report on Word or Google Docs. ● Ask your child to create a travel brochure for a newly discovered planet. Consider: travel time, location, accommodation and things to do and see. ● Your child can write a persuasive letter/job application to NASA asking to be the next astronaut to go into space. Remind them that they must include the skills they have that would make them the best candidate.

Additional learning resources parents may wish to engage with

[Classroom Secrets Learning Packs](#) - These packs are split into different year groups and include activities linked to reading, writing, maths and practical ideas you can do around the home.

[Twinkl](#) - to access these resources click on the link and sign up using your own email address and creating your own password. Use the offer code UKTWINKLHELPS.

[Headteacherchat](#) - This is a blog that has links to various learning platforms. Lots of these are free to access.