

**Learning Project Summer June –July 2020 Week 7
'Space'**

**Age Range: Y5/6
(Where there are words underlined in blue, this is a link to a website)**

Weekly Maths Tasks (Aim to do 1 per day)	Weekly Reading Tasks (Aim to do 1 per day)
<ul style="list-style-type: none"> • There are a range of interactive quizzes linked to area and perimeter that your child can work through on this website. https://www.khanacademy.org/math/basic-geo/basic-geo-area-and-perimeter 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. • 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 (m²) . It must include: mountains 220 m² , a water source 140 m² , three islands that must each be between 120 m² and 240 m² . • Ask your child to have a go at the different activities in this NRICH task . This can be done on paper. https://nrich.maths.org/7280&part= 	<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 https://drive.google.com/file/d/1TMaZgfeTCqTr9xVPY5CBL1AdxM3H_Hkg/view for a reading activity about Space Tourism . Challenge your child to read the text in 3 minutes and complete the questions. • Encourage your child to research information on past space expeditions here. https://www.nasa.gov/kidsclub/text/nowinspace/Archive.html Which expedition was the most impressive? Why?
Weekly Spelling Tasks (Aim to do 1 per day)	Weekly Writing Tasks (Over the week)
<ul style="list-style-type: none"> • Pick 5 Common Exception words from the Year 5/6 spelling list. Challenge your child to create a word web by finding 5 other related words. • 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? • Task your child with identifying any space related words from the poem Cosmic Disco . Can they draw illustrations to represent these words too? https://childrens.poetryarchive.org/poem/cosmic-disco/ • 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 https://www.literacyshedplus.com/en-gb/resource/broken--rock--paper--scissors-ks2-activity-pack • 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. • Ask your child to create a travel brochure for a newly discovered planet. Consider: travel time, location, accommodation and things to do and see • Proof read all writing and use a dictionary to check spellings.

Learning Project - to be done throughout the week

- 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 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?
- 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 . <https://www.nasa.gov/kidsclub/index.html>