

Learning Project Summer 2 Week 7– Space

Age Range: Y4

Our last week of home learning. Have a great week everyone and enjoy your summer.

Weekly Maths Tasks (Aim to do 1 per day)

- NRICH is an excellent resource for the teaching of maths. The link below goes to a page that has lots of problem solving activities that will challenge and help your child to learn to solve problems systematically: <https://nrich.maths.org/9803>
- Follow the link above for daily maths lessons by White Rose, a resource that we use for planning in school. Please just be aware that topics may come up that we have not yet taught and that some children may need to go to previous year groups for more appropriate work. <https://whiterosemaths.com/homelearning/>
- BBC Bitesize has a daily maths lesson, in conjunction with White Rose. There is a clear link for each year group. Again, you may find it necessary and valuable to work from earlier years. <https://www.bbc.co.uk/bitesize/dailylessons>
- Please continue to practise Times Tables on [TTRS](#), completing regular sound checks so that we can see how you are doing.
- Of course, [My Maths](#) is also an excellent resource – maybe concentrate on any of the 'Geometry' lessons (Properties of Shapes and Position & Direction).

Weekly Reading Tasks (Aim to do 1 per day)

- Encourage your child to recreate space and read a story e.g. under dark bed sheets with a torch or even in the garden under the stars (with supervision)
- Task your child with creating their own Book Bingo. [See here](#) for inspiration. Can they complete the game over the next week?
- This offers a fun reading challenge that might engage a reluctant reader at home.

Read in your pyjamas	Read to someone over the phone
Read using only torchlight	Read with someone taking turns - a sentence at a time

https://researchrichpedagogies.org/downloads/Sharing_the_Love_of_Reading_7-9_years.pdf



- <https://www.studentuk.com/> is a website that has lots of free reading material, organised by age suitability.
- Renaissance Learning, who produce AR, has made access to their digital books free during the lockdown. Below is a link. It's not full access to the myon experience - pupils won't have a record of what they have been reading linked to

their AR accounts and they can't quiz directly from the myon site but it does offer more free ebooks to read.

<https://readon.myon.co.uk/>

- Listen to your child read and let them discuss what they have read. Encourage them to read with expression and intonation. If the book is in the AR system, you can quiz using this link <https://ukhosted34.renlearn.co.uk/2245929/default.aspx>. Not sure if the book has a quiz? Check on <https://www.arbookfind.co.uk/default.aspx>
- Curriculum Visions is an excellent online resource, with books about a wide range of topics and reading comprehensions available to try. There are bound to be books relating to this week's Under the Sea topic. Login with
Username: Havelock/0001
Password: jungle
- Our website contains links to other useful websites at <https://www.havelockschools.org.uk/index.php/curriculum/links>

Weekly Spelling Tasks (Aim to do 1 per day)

- Task your child with creating their very own space themed word bank e.g orbit, solar, comet. They can refer to this for some of their writing tasks.
- Practise spelling these words: division, invasion, confusion, decision, collision, television. Ask your child to list synonyms for each word (words with the same meaning).
- Learn to spell the names of all the planets in our solar system. Put them in alphabetical order and then order of size.
- Ask your child to create their very own space-themed word search. A family member could complete it.
- Flash writing. Choose 5 Common Exception words and go into a darkened room with a torch and write them in the air with the torch light.



Weekly Writing Tasks (Aim to do 1 per day)

- Visit the Literacy Shed for this wonderful resource [on Broken](#): Rock, Paper, Scissors. Or your child can write a response to this: If I met an alien, I would... Your child could record their responses in a list to form a list poem and then perform it.
- Ask your child to write a diary entry about what it would be like on a [Space Station](#) What do they miss about life on Earth? More [inspiration here](#).
- Encourage your child to create a travel brochure for a planet of their choice or to promote space tourism in general. Make sure they include information about travel times, accommodation, food and things to do and see.
- Ask your child to write a story about a character who went into space for the day. Ask them to think about which time openers (e.g. Later that day,) they could use and how they could build suspense to engage the reader.
- Create an information poster [about Neill Armstrong](#). Remind your child to use labels and captions. What diagrams could they include?



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.

- **Our Solar System** - Encourage your child to think about what they already know about space and create a mind map. Can they name the planets in our solar system? Can they remember them in order or create their own mnemonic to help them? Ask your child to research the characteristics of the planets e.g. What is it made of? What size is it? How close to the Sun is it? Temperature? Can they create a fact file, PowerPoint or Google Slide presentation on a planet of their choice? These facts about [Mars](#) or these [facts about space](#) may be a good starting point.
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- **Blast off!** - Ask your child to design a new spacesuit suitable for an astronaut. They will need to consider which materials would be most suitable, comfort for the astronauts and the temperature in space. Encourage them to design a logo for the spacesuit too. Perhaps they could make this using materials from around the home?
 - **Astronaut Aerobics** - Astronauts have to be fit and agile for their missions to space. Ask your child to design an obstacle course in your garden or home space and put your agility to the test! Can you find your pulse and count your heart rate before and after exercising? Recommendation at least 2 hours of exercise a week.
 - **Out of this World** - Ask your child if space travel was made more accessible and they could go on holiday to space, would they like to be the first space tourist? Can they think of arguments for and against being the first space tourist? Is it unethical for millionaires to spend their money on space tourism or should they spend all their money on reducing poverty? Ask them to prepare a speech about this discussion point.
 - **One Giant Leap for Mankind** - Ask your child to find out about [Neil Armstrong](#). Who was he and what challenges did he have to overcome during his life? Can they write a biography or create a piece of drama about Neil Armstrong's life and achievements?
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- **Mission X – Jump Training** - Stronger bones help astronauts stay safer while performing all of their assigned tasks – whether in a space vehicle, on the moon, Mars, or once back on Earth. Your bones become stronger when you do exercises that support your weight, such as running or jumping. Train like an astronaut by skipping on the spot for 60 seconds without stopping. Rest for 30 seconds. Repeat three times. Vary and extend by adding jumping jacks, travelling forward and by increasing length of time.
 - **Are you suitable to be an astronaut?** Think about what makes you special and unique. Create a picture/poster which celebrates how special you are and recognises how you are different from others. Include your appearance, your interests and your personality! Your image may look like this:



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.

If you are on Twitter and a fan of [Taskmaster](#), search for [#hometasking](#). Alex Horne is setting new tasks every couple of days that might be fun to get involved with.