

## Learning Project Summer 2 Week 7 – Space

Age Range: Y3

Hello Year 3. It's one small step for man, one giant leap for mankind. Welcome to the final Home Learning Project! OK, you can stop cheering now! Settle down! So we are going to boldly go where no Havelock student has gone before. Hopefully, it won't be a long time ago, in a galaxy far far away!

In 1969, 3 NASA astronauts made a historic first landing upon the surface of the moon. You child can watch this using the link below and explore other information about what happened.

[https://www.nasa.gov/mission\\_pages/apollo/apollo11.html](https://www.nasa.gov/mission_pages/apollo/apollo11.html)

If you visit the Space X website, your child can also explore what the recent efforts to put humans back on the moon. You can also explore other projects and recent events involving humans in space.

<https://www.spacex.com/updates/nasa-selects-lunar-optimized-starship/>

### Science Fun

#### Musical Coat Hanger

It's one last activity from 'Do Try This At Home' Science and we finish with an explosive experiment. Remember there are alternatives to the equipment listed below such as using Mentos and Cola. You might want to carry out a comparative study to see which method is best. If you do, let your teacher know via [share@havelockschools.org.uk](mailto:share@havelockschools.org.uk)



This link will take you to a download of 14 daily science and technology activities that you might like to try at home <https://littlebinsforlittlehands.com/fun-activities-for-kids/>. The website itself is packed with great

ideas for inquisitive young minds.

### 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/14580>
- Follow the link below 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. If you have been working through each school week and have taken a week for half term, you would be picking up at week 12. <https://whiterosemaths.com/homelearning/> Worksheets are attached to this letter.
- What about trying the Friday Maths Challenge created by White Rose and BBC Bitesize. The sheet is also attached.
- 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 – It might be a good opportunity now to go back over some of the strategies we've been using in Year 3. This week, think about revisiting the 3, 4 and 6 times tables. Follow this link <https://app.mymaths.co.uk/120-lesson/mixed-tables-3-4-6> which will take you to a great lesson on MyMaths. Remember you may need the login details – **Username: Havelock1** and **Password: square200** You could also try Times Tables Rockstars or visit <https://www.topmarks.co.uk/maths-games/7-11-years/times-tables> to use other online games.

### 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).
- Visit Worldbookonline and login using Username: wbsupport and Password: distancelearn. Select eBooks and search for the title 'A Place in Space'. Ask your child to read the book and complete the activities at the back.
- Read chapter 1 of Survival in Space: The Apollo 13 Mission together. Ask your child to note down unfamiliar words and explore these together. <https://www.lovereading4kids.co.uk/extract/17032/Survival-in-Space-The-Apollo-13-Mission-by-David-Long.html>
- Encourage your child to explore the surface of Mars on the Curiosity Rover here. What did they notice? What was most surprising? <https://accessmars.withgoogle.com/>

- Task your child with creating their own Book Bingo. Follow the link below for inspiration. Can they complete the game over the next week?  
<https://khalsaread.wordpress.com/>
- 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 Significant People 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)	Weekly Writing Tasks (Aim to do 1 per day)
<ul style="list-style-type: none"> <li>• Task your child with creating their very own space themed word bank e.g <b>orbit, solar, comet</b>. They can refer to this for some of their writing tasks</li> <li>• Practise spelling these words: <b>division, invasion, confusion, decision, collision, television</b>. Ask your child to list synonyms for each word (words with the same meaning)</li> <li>• Learn to spell the names of all the planets in our solar system. Put them in alphabetical order and then order of size</li> <li>• <b>Flash writing</b>. Choose 5 Common Exception words and go into a darkened room with a torch and write them in the air with the torch light.</li> <li>• Using the word bank from above, ask your child to create their very own space-themed word search. A family member could complete it.</li> </ul>	<ul style="list-style-type: none"> <li>• 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. <a href="https://www.literacyshedplus.com/resource/broken--rock--paper--scissors-ks2-activity-pack">https://www.literacyshedplus.com/resource/broken--rock--paper--scissors-ks2-activity-pack</a></li> <li>• Ask your child to write a diary entry about what it would be like on a Space Station. <a href="https://www.youtube.com/watch?v=SOCixRhRGDw&amp;feature=youtu.be">https://www.youtube.com/watch?v=SOCixRhRGDw&amp;feature=youtu.be</a> What do they miss about life on Earth? More inspiration here (<a href="https://safeyoutube.net/w/Lf16">https://safeyoutube.net/w/Lf16</a>)</li> <li>• 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. If you have access to a PC, this could be done on Word or Google Docs.</li> <li>• 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.</li> <li>• You will find Talk for Writing sessions at the link below, which you and your child might enjoy. <a href="https://www.talk4writing.co.uk/covid-19/">https://www.talk4writing.co.uk/covid-19/</a></li> <li>• You can take part in a daily, structured writing</li> </ul>

session with Jane Considine on You Tube using her sentence stacking approach that we have used in school so your your children will be familiar with.

<https://www.youtube.com/watch?v=nMVpipnXrDc>

### 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.

- **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 <https://www.natgeokids.com/uk/discover/science/space/facts-about-mars/> or these facts about space may be a good starting point

<https://www.natgeokids.com/uk/discover/science/space/ten-facts-about-space/>

- **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?

- **French** Final French this term will have a space theme. Either try this French space-themed colouring activity <https://www.twinkl.co.uk/resource/fr-t-t-10095-new-space-roll-and-colour-dice-addition-activity-french> or practise your space vocabulary using this word mat <https://www.twinkl.co.uk/resource/fr-t-t-670-new-space-word-mat-french>

- **Computing** This week, your child is free to demonstrate their skills by either creating a space-themed PowerPoint or Word document, or use the Scratch website to create rocket adventure. <https://scratch.mit.edu/>

- **RE:** Multi-Faith and Belief Room is a KS2 project children can undertake from home. Pupils design a multi-faith and belief room for an airport being built in your locality, they will endeavour to plan, research and collate the information. The resource is flexible and pupil led and contains enough activities and information to keep pupils occupied for the summer term.  
<https://simplycollectiveworship.co.uk/wp-content/uploads/2020/04/RE-Project-Learning-Resource-Multi-Faith-And-Belief-Room.pdf>

#### 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.

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