



## Learning Project Summer 2, week commencing 29.06.20 – Space.

### Year 3

| Weekly Reading Tasks                                                                                                                                                                                                                                                                                                                                                                                            | Weekly Writing Tasks                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <p><b>Monday</b> - 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).</p>                                                                                                                                                                                                                                | <p><b>Monday</b> - Visit the Literacy Shed for this wonderful resource on Broken: Rock, Paper, and 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.<br/><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></p> |
| <p><b>Tuesday</b> - Read chapter 1 of Survival in Space: The Apollo 13 Mission together. Ask your child to note down unfamiliar words and explore these together.<br/><a href="https://www.lovereading4kids.co.uk/extract/17032/Survival-in-Space-The-Apollo-13-Mission-by-David-Long.html">https://www.lovereading4kids.co.uk/extract/17032/Survival-in-Space-The-Apollo-13-Mission-by-David-Long.html</a></p> | <p><b>Tuesday</b> - Ask your child to write a diary entry about what it would be like on a Space Station.<br/><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><br/>What do they miss about life on Earth? More inspiration here <a href="https://safeyoutube.net/w/Lf16">https://safeyoutube.net/w/Lf16</a></p>                                                                              |
| <p><b>Wednesday</b> - Listen to your child read and let them discuss what they have read. Encourage them to read with expression and intonation. Alternatively they could read to another family member, pet or toy. Can they use an alien voice? Or can they sound like an astronaut wearing a helmet?</p>                                                                                                     | <p><b>Wednesday</b> - 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.</p>                                                                                                                                                                 |
| <p><b>Thursday</b> - Encourage your child to explore the surface of Mars on the Curiosity Rover here. What did they notice? What was most surprising?<br/><a href="https://accessmars.withgoogle.com/">https://accessmars.withgoogle.com/</a></p>                                                                                                                                                               | <p><b>Thursday</b> - 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.</p>                                                                                                                                                                                                                                        |
| <p><b>Friday</b> - Task your child with creating their own Book Bingo. Follow the link below for inspiration. Can they complete the game over the next week?<br/><a href="https://khalsaread.wordpress.com/">https://khalsaread.wordpress.com/</a></p>                                                                                                                                                          | <p><b>Friday</b> – Continue your story from yesterday, what adventures could your character have? Who might they meet? How did they get home? Remember to check and edit your story when you have finished.</p>                                                                                                                                                                                                                                                                             |

| <b>Weekly Spelling Tasks</b>                                                                                                                                                                         | <b>Weekly Maths Tasks</b>                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Monday</b> - 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.                        | <b>Monday</b> - Practise counting in multiples of <b>50</b> and <b>100</b> forwards and backwards. Record these sequences on paper.                                                                                                                                                                                                                                                               |
| <b>Tuesday</b> - 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). | <b>Tuesday</b> – Ask your child to draw the planets of our solar system and divide each planet by a different fraction. For example can you divide Jupiter into quarters?                                                                                                                                                                                                                         |
| <b>Wednesday</b> - Learn to spell the names of all the planets in our solar system. Put them in alphabetical order and then order of size.                                                           | <b>Wednesday</b> - Please continue to practise on Times Tables Rock Stars.                                                                                                                                                                                                                                                                                                                        |
| <b>Thursday</b> – <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.                                     | <b>Thursday</b> – Challenge your child to write space themed word problems. For example, If there are 12 space meals in each box, how many meals will there be in 6 boxes? Or An annoying alien from Pluto wants to know- how many minutes there are in two Earth hours?<br><br><b>Challenge</b> can they write a word problem for all of the four functions; add, subtract, divide and multiply? |
| <b>Friday</b> – Using the word bank from above, ask your child to create their very own space-themed word search. A family member could complete it.                                                 | <b>Friday</b> – Visit the website below for more space-themed activities.<br><a href="https://primarymaths.wordpress.com/category/space-activities/">https://primarymaths.wordpress.com/category/space-activities/</a>                                                                                                                                                                            |

### Learning Project for 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?

### **STEM learning opportunities.**

#### **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.
- Can you design a move an astronaut would need to practise to stay fit?

### **Additional learning resources you may wish to try.**

**BBC Bitesize** - Lots of videos and learning opportunities for all subjects.

**Classroom Secrets Learning Packs** - Reading, writing and maths activities for different ages.

**White Rose Maths** online maths lessons. Watch a lesson video and complete the worksheet (can be downloaded and completed digitally).

**Times Table Rockstars** and **Numbots**. Your child can access both of these programmes with their school logins. On Times Table Rockstars, children should aim to play Sound check for 20 minutes daily.

IXL online. There are interactive games to play and guides for parents.