



## Week 14: 22.06.2020: Learning Project - Space

### Age Range: Year 4

Weekly Reading Tasks	Weekly Spelling Tasks
<b>Monday-</b> 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).	<b>Monday-</b> 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.
<b>Tuesday-</b> Visit <a href="#">Worldbookonline</a> 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.	<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>Wednesday-</b> Read chapter 1 of <a href="#">Survival in Space: The Apollo 13 Mission</a> together. Ask your child to note down unfamiliar words and explore these together.	<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>Thursday-</b> Encourage your child to explore the surface of Mars on the Curiosity Rover <a href="#">here</a> . What did they notice? What was most surprising?	<b>Thursday-</b> <b>Flash writing.</b> Choose 5 <a href="#">Common Exception</a> words and go into a darkened room with a torch and write them in the air with the torch light.
<b>Friday-</b> Task your child with creating their own Book Bingo. See <a href="#">here</a> for inspiration. Can they complete the game over the next week?	<b>Friday-</b> Using the word bank from Wednesday, ask your child to create their very own space-themed word search. A family member could complete it.
Weekly Writing Tasks	Weekly Maths Tasks- Area and Perimeter
<b>Monday-</b> Visit the Literacy Shed for this wonderful resource on <a href="#">Broken: Rock, Paper, Scissors</a> . Or your child can write a response to this: <i>If I met an alien, I would...</i> Your child could record their responses in a list to form a list poem and then perform it.	<b>Monday-</b> Use an A4 piece of paper and mark out a rectangle 12cm by 24cm. You are designing a vegetable patch and need to include the following areas: A carrot zone with a perimeter of 32cm, a pea zone with an area of 12cm squared, a strawberry zone with an area of 20cm squared and a perimeter of 18cm.
<b>Tuesday-</b> Write a diary entry about what it would be like on a <a href="#">Space Station</a> . What do you miss about life on Earth? More inspiration <a href="#">here</a> .	<b>Tuesday-</b> Explore the maths activities on <a href="#">Sumdog</a> , <a href="#">Times Tables Rockstars</a> or <a href="#">Numbots</a> . They should focus on speed and accuracy.
<b>Wednesday-</b> Create a travel <a href="#">brochure</a> for a planet of your choice or to promote space tourism in general. Make sure you include information about travel times, accommodation, food and things to do and see. If you have access to a computer, this could be done on Word or Google Docs.	<b>Wednesday-</b> 'Conquer the Area'. Enjoy playing this game with a family member. You will need: square paper or draw a square grid, 2 different colour pencils and <a href="#">2 dice</a> . Roll the dice and multiply the two numbers together. Whoever rolled the dice draws this area on the square grid with their pencil. Fill up the whole page - whoever has taken up the most space wins.
<b>Thursday-</b> Write a story about a character who went into space for the day. Plan which time openers (e.g. Later that day, etc) you could use and how you could	<b>Thursday -</b> Practise counting in <b>multiples of 50 and 100</b> forwards and backwards. Record these sequences on paper.

build suspense to engage the reader.

**Friday-** Create an information poster about [Neill Armstrong](#). Use labels and captions. What diagrams could you include?

**Friday -** Visit [this website](#) for more space-themed activities or play this [Space Invaders game](#).

### 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 or these [facts about space](#) may be a good starting point.
- **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?

#### Please note:

You and your child can decide how to record their learning. Some learning activities should be recorded in their home learning books, and others can be completed online. Some don't need to be recorded, just enjoyed by you and your child!

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