



## W/C 15.06.2020: Learning Project - Space

Age Range: Y3/4

### Weekly Reading Tasks

### Weekly SPaG Tasks

All previous SPaG learning can be found on the [Class 2 Archived Learning page](#) of the website.

**Monday-** Read chapter 1 of [Survival in Space: The Apollo 13 Mission](#). Ask your child to note down unfamiliar or new words you come across then look these up in a dictionary to make sure you understand what they mean.

**Monday-**  
Year 3: Nouns, Step 2, 'Recognising Abstract Nouns', powerpoint slides 5 and 6 (Introduction) then slides 7-14 before completing the Varied Fluency worksheets.  
  
Year 4: Suffixes, Step 2, 'Words Ending in -sure, -ture or -cher', powerpoint slides 4 and 5 (Introduction) then slides 6-11 before completing the Varied Fluency worksheets  
  
*Please complete the first worksheet with red stars and the second sheet with blue stars, you can choose whether you want the extra challenge of also completing the third sheet with yellow stars. The answers are at the end of the worksheets so you can mark your work when you've finished.*

**Tuesday-** Spend some time reading about space. You may have your own books at home that you can look at or you can click on some of these links to get you started [BBC Bitesize](#) [Science Kids](#) [Nasa Kids' Club](#) [National Geographic Kids](#) [The Planets](#) There's lots of information out there so see what you can find and create a list of your top five most interesting facts about space.

**Tuesday-**  
Year 3: Nouns, Step 2, 'Recognising Abstract Nouns', powerpoint slides 15-22 before completing the Application and Reasoning worksheets.  
  
Year 4: Suffixes, Step 2, 'Words Ending in -sure, -ture or -cher', powerpoint slides 12-18 before completing the Application and Reasoning worksheets  
  
*Please complete the first worksheet with red stars and the second sheet with blue stars, you can choose whether you want the extra challenge of also completing the third sheet with yellow stars. The answers are at the end of the worksheets so you can mark your work when you've finished.*

**Wednesday-** To fit with the Space theme this week, the comprehension activity is titled 'Space'.

**Wednesday-** Learn to spell the names of all the [planets in our solar system](#). Put them in alphabetical order and then order of size.

**Thursday-** If you set up an account with [Oxford Owl For Home](#) a few weeks ago to read the *Great Artists* ebook as part of the Famous and Significant People topic, you can login and read the ebook *Journey To Mars*. If you didn't register, there's a

**Thursday-** Create a space themed word bank (there's a sheet on the Class 2 Distance Learning page of the school website you can use or you can simply write your word bank on plain paper or the computer). Include as many words as you

<p>copy of <i>Journey To Mars</i> on the Class 2 Distance Learning page of the school website you can read. You don't have to read it all at once, you might want to read it in chunks throughout the day to break up your other learning tasks.</p>	<p>can think of eg orbit, solar, comet, astronaut, Mars, Jupiter etc. When you have created your word bank, choose 10 words from it and turn them into <a href="#">anagrams</a> (this is where you jumble up the letters so they are in the wrong order) and see if someone at home can solve all 10 anagrams and work out the words.</p>
<p><b>Friday-</b> Finish off anything that isn't complete then have fun!</p>	<p><b>Friday-</b> Finish off anything that isn't complete then have fun!</p>
<p><b>Weekly Writing Tasks</b></p>	<p><b>Weekly Maths Tasks</b></p> <p><b>These tasks follow the White Rose Maths scheme and the links will take you to a video lesson to watch before you complete the worksheets but you can swap between this, Prodigy and BBC Bitesize lessons on the red button.</b></p>
<p><b>Monday-</b> Visit the Literacy Shed for this wonderful resource on <a href="#">Broken: Rock, Paper, Scissors.</a></p>	<p><b>Monday-</b>  Year 3: Order Fractions <a href="https://vimeo.com/427992995">https://vimeo.com/427992995</a>  Year 4: Write Decimals <a href="https://vimeo.com/427995729">https://vimeo.com/427995729</a></p>
<p><b>Tuesday-</b> Imagine you are an astronaut and write a diary entry about what it would be like to live on a <a href="#">Space Station</a>. What do you miss about life on Earth? What is it like floating around all the time? What are the best and worst things about being in space? What do you do all day? These videos about completing everyday tasks in space might help give you some ideas for your writing too <a href="#">How to wash your hair in space</a> <a href="#">Sleeping in space</a> <a href="#">How to brush your teeth in space</a> <a href="#">How to wash your hands in space</a></p>	<p><b>Tuesday-</b>  Year 3: Add Fractions <a href="https://vimeo.com/427993095">https://vimeo.com/427993095</a>  Year 4: Compare Decimals <a href="https://vimeo.com/427995775">https://vimeo.com/427995775</a></p>
<p><b>Wednesday-</b> Find out about a famous astronaut. Ten famous astronauts are listed <a href="#">here</a> with some information about each one. Read through the fact files and choose someone you would like to learn more about (or you can choose another astronaut who isn't in this list) then do some research and present your work as an information poster with images, diagrams, labels and captions.</p>	<p><b>Wednesday-</b>  Year 3: Subtract Fractions <a href="https://vimeo.com/427993504">https://vimeo.com/427993504</a>  Year 4: Order Decimals <a href="https://vimeo.com/427995825">https://vimeo.com/427995825</a></p>
<p><b>Thursday-</b> Write a story that is set in space. You could use your learning about the International Space Station and astronauts to write a story about travelling into space or let your imagination run wild and write a story about aliens living on another planet. Plan a beginning, middle and ending for your story, use a variety of punctuation and include interesting vocabulary to describe characters, settings and events. You can illustrate your story too if you want to and it could be handwritten on paper, written into a small booklet you create or done using a computer.</p>	<p><b>Thursday –</b>  Year 3: Problem Solving With Fractions <a href="https://vimeo.com/427993581">https://vimeo.com/427993581</a>  Year 4: Round Decimals <a href="https://vimeo.com/427996387">https://vimeo.com/427996387</a></p>
<p><b>Friday-</b> Finish off anything that isn't complete then have fun!</p>	<p><b>Friday -</b> Finish off anything that isn't complete then have fun!</p>

## 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-** Think about what you already know about space and create a mind map. Can you name the planets in our solar system? Can you remember them in order or create your own [mnemonic](#) to help you? 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? Create a fact file, PowerPoint or information poster on a planet of your choice (or you could do this for more than one planet if you want to) the links included as part of Tuesday's Reading task would be a good place to start.
- **Blast off!**- Design a new spacesuit suitable for an astronaut. Consider which materials would be most suitable, make sure it would be comfortable for the astronauts and think about the temperature in space. When you draw your design, add labels to explain different features of the spacesuit. You could design a logo for the spacesuit too and perhaps you could make this using materials from around the home.
- **Exercise (Space) Stations -** Astronauts have to be fit and agile for their missions to space. If you remember the information in Tuesday's video about living on a Space Station, you'll know astronauts have to exercise for at least 2 hours every day! Imagine you are an astronaut travelling to each planet in the solar system on your Space Station and every time you land on a different planet you have to do a different exercise for 2 minutes. You can travel between the planets in different ways too so, for example, you can get into your space station and travel to Mercury by hopping around the space you're using then when you land on Mercury you could do star jumps for 2 minutes before getting back in your Space Station and travelling to Venus by jogging around the space you're using before landing on Venus and hula-hooping for 2 minutes then carry on until you've travelled to and exercised on all the planets of our solar system.  
**Recommendation at least 2 hours of exercise a week.**
- **Out of this World-** If space travel was made more accessible and you could go on holiday to space, would you like to be the first space tourist? Try to 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 other things? Prepare a speech about this discussion point so you can explain the arguments for and against space tourism and whether you think it's right for millionaires to spend money on space tourism or what you think they should spend their money on instead. Ask someone at home to film you while you make your speech and send it across to us.
- **Games!** - practise your maths skills with this [Space Rocks](#) game or have a look at some of these other [space themed activities and games](#). There are also games on [Nasa Kid's Club](#) and [CBBC](#)
- **Be Artistic** – there are so many artistic and crafty ideas that fit with this Space theme! If you want some inspiration look [here](#) and you'll notice there's artwork using chalks, paints, coloured paper and lots of other materials. Some artwork focuses on the planets, some on space travel and some on imaginary aliens!
- **Party time!** – Try planning a space themed party for the end of the week. You could create decorations, design an outfit and plan space games to play! You could try making a [rocket ship piñata](#) (you can either follow these instructions or just use them as inspiration and create your own piñata with whatever materials you have at home). You'll need some space themed party food too so look at some of [these pictures](#) for ideas.

## STEM Learning Opportunities #sciencefromhome

### 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. You can find out more [here](#).

- Sign up and access all of the Mission X resources [here](#).

### Additional learning resources parents may wish to engage with

- [BBC Bitesize](#) - Lots of videos and learning opportunities for all subjects.
- [Classroom Secrets Learning Packs](#) - Reading, writing and maths activities for different ages.
- [Twinkl](#) - Click on the link and sign up using your email address and creating a password. Use the offer code UKTWINKLHELPS.
- [White Rose Maths](#) online maths lessons. Watch a lesson video and complete the worksheet (can be downloaded and completed digitally).
- IXL online. Click here for [Year 3](#) or here for [Year 4](#). There are interactive games to play and guides for parents.
- [Mastery Mathematics Learning Packs](#). Take a look at the mastery mathematics home learning packs with a range of different activities and lessons.
- [Y3 Talk for Writing Home-school Booklets](#) and [Y4](#) are an excellent resource to support your child's speaking and listening, reading and writing skills.

The Learning Projects are based on the **National Curriculum expectations** for the key stage which your child is in. It may be that your child finds the tasks set within the Learning Project for their year group too simple. If this is the case, then we suggest that your child accesses the Learning Projects which are set for the key stage above. Equally, if the projects are too challenging, then we advise that your child accesses the projects for the key stage below.

**#CalderLearningProjects**