



Learning Project – Space

Age Range: Y5/6

Year 5 Spellings from the Year 5/6 Common Exception Word List

ancient
bargain
competition
curiosity
disastrous
existence
government
individual
marvellous
occur
profession
restaurant
sincere
sincerely
yacht

Year 6 Spellings from the Year 5/6 Common Exception Word List

achieve
bargain
committee
competition
curiosity
disastrous
foreign
marvellous
leisure
neighbour
physical
recognise
secretary
suggest
variety
ancient
bargain
competition
curiosity
disastrous

Weekly Reading and Spelling Tasks

Monday- Write each word in the spelling list in a different 'font'

Tuesday- Read the activity [here](#) about Space Tourism. Write down as many unknown words as you can find and find out their meaning using a dictionary.

Wednesday- Some words contain the letter string -ough- Can your child use this knowledge to complete [these sentences against the clock?](#)

Thursday- Click [here](#) for to re-read the article about **Space Tourism**. Challenge your child to read the text fluently and accurately and complete the questions.

Weekly Writing Tasks

Monday – Read about Armstrong's mission to the moon. Write a diary/captain's log about the moon landing!

Tuesday- Continue as above and then carefully edit your work.

Wednesday- Read an example of a newspaper report on a natural disaster (on google classroom) and discuss the features of a newspaper report. Read the diary account of a witness of a meteor collision with Earth and write the plan of a news story about this. Be careful to ignore irrelevant, personal details that don't belong in a news story! [Remind your child of the features of a newspaper.](#)

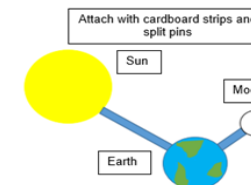
Thursday- Use the plan from the yesterday to write up your newspaper report. Write it up on a laptop, Chromebook or PC, using the format on google classroom.

	Remember to think about time conjunctions, formal style, spelling and punctuation as well as using a variety of sentence types.
Friday- Encourage your child to research information on past space expeditions here . Which expedition do they think was the most impressive? Why?	Friday- Google classroom task: <u>What's the order of the planets?</u> - Here is a mnemonic to help learn the order of the planets. <i>My - Mercury</i> <i>Very - Venus</i> <i>Easy - Earth</i> <i>Method - Mars</i> <i>Just - Jupiter</i> <i>Speeds - Saturn</i> <i>Up - Uranus</i> <i>Naming - Neptune</i> <i>(Planets) – Pluto (Now considered to be a dwarf planet)</i> Can you create your own? Next can you write an acrostic poem about space using a word(s) of your choice e.g. SOLAR SYSTEM/SPACE/PLANETS/COSMOS
Weekly Maths Tasks-	
Monday Work through the maths challenge set by your teacher on your class page of Google Classroom	
Tuesday White Rose Maths Watch the video for lesson 1 week 11 on White Rose Maths and then complete the lesson 1 worksheet on your class page of Google Classroom. (You can either print the sheet to stick in your book or write the answers in your home learning book) Feel free to also use the online daily maths lesson at Bitesize Maths <u>Optional online games:</u> You could also practise sorting 3D shapes by playing these games: 3D Shape sorting Venn diagram 3D Shape Sorting Carroll diagram	
Wednesday White Rose Maths Watch the video for lesson 2 week 11 on White Rose Maths and then complete the lesson 2 worksheet on your class page of Google Classroom. (You can either print the sheet to stick in your book or write the answers in your home learning book). Feel free to also use the online daily maths lesson at Bitesize Maths <u>Optional online games:</u> Practise your understanding of cube nets by playing this game Practise your understanding of different nets of 3D shapes by playing this game (level 2)	
Thursday White Rose Maths Watch the video for lesson 3 week 11 on White Rose Maths and then complete the lesson 3 worksheet on your class page of Google Classroom. (You can either print the sheet to stick in your book or write the answers in your home learning book). Feel free to also use the online daily maths lesson at Bitesize Maths <u>Optional online game:</u> Practise your understanding of area by playing this area and perimeter challenge game	
Friday- White Rose Maths Watch the video for lesson 4 week 11 on White Rose Maths and then complete the lesson 4 worksheet on your class page of Google Classroom. (You can either print the sheet to stick in your book or write the answers in your home learning book).	

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.

- **Moon Moves** - Get your child to research the importance of the [Moon](#) to life on Earth. Ask your child to research the movement of the Moon relative to the Earth and create a model of the Earth, Moon and Sun. Here is an idea of how your child could do it.
- **Through Space and Time**- Ask your child to research space exploration history and create a timeline of how people have travelled into space. Get them to think about when the first rocket was launched? When did the first man travel to space? How about the first woman? What other significant events can they add to their timeline?
- **Dancing into Space**- Listen to Holst's '[The Planets](#)' with your child. Ask them to select a planet and decide what they think that planet would be like. Get them to create a dance/ set of movements to go with the music which will portray this. Take a video of their dance to share with the family and encourage your child to self-evaluate whilst watching the video.
- **Mission to Space**- Get your child to research the different components of a spacecraft and using their understanding of this, design their own spacecraft. Get them to think carefully about what it needs to include in order for astronauts to survive in space. Can they make a small scale model using resources from around the home? There might be inspiration [here](#).
- **Mindfulness** - To link to the space theme, how about making some space artwork you can use as a relaxation tool. You could paint a starry night picture or create a spaced themed dream catcher or mobile. Find somewhere to display your artwork so you can lay down underneath, or sit close by, and gaze at the stars. If you made a dream catcher or a mobile, you could hang it outside so it will move with the breeze. Now keep your body and your mind still. Focus on watching the stars move and the feeling of your breath entering and leaving your body. Just keep breathing. Long, slow breaths. Try to build some mindfulness time into your daily routine. A little bit everyday goes a long way.



STEM Learning Opportunities #sciencefromhome

Mission X – Building a Bionic Hand

- It is difficult and tiring for humans to work in space. Bionic hands that can be remotely operated can help humans work more efficiently in space. Try making a model bionic hand using cardboard, straws, string and elastic bands. You will need to think about how a human hand works to help you with your design. 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

- [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 Soundcheck for 20 minutes daily.
- IXL online. Click here for [Year 5](#) or here for [Year 6](#). There are interactive games to play and guides for parents.
- [CODE Maths Hub Daily Fluency Activities](#)
- <https://www.topmarks.co.uk/maths-games/daily10> - arithmetic challenges
- [BBC Bitesize](#) - Lots of videos and learning opportunities for all subjects.
- [Y5 Talk for Writing Home-school Booklets](#) and [Y6](#) are an excellent resource to support your child's speaking and listening, reading and writing skills.

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