Dear Redwood and Cherry,

We continue to miss you all.

Remember to keep practising your spellings and times tables so that you don’t forget them. Knowledge of times tables up to 12 x 12 is essential for Year 5.

Enjoy your week and remember if you need anything at all, please contact the school via email.

Mr shone and Mrs Grigg

Redwood and Cherry Summer Term 2 Learning Challenge, Week 6

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| **Learning Project WEEK 6 SPACE** |
| **Age Range: Year 4** |
| **Weekly Maths Tasks (Aim to do 1 per day)**  | **Weekly Reading Tasks (Aim to do 1 per day)** |
| * Your child can try to find real life arrays -this could be eggs in a tray, candles in a row, etc. Once found, get your child to write the calculation for that array. Can they find the fact family? (E.g. 3x4 = 12, 4x3=12, 12÷3 = 4 & 12 ÷ 4=3).
* Choosing a times table of choice, ask your child to write a rap/song to help them remember the multiplication facts linked to this time table. Can they include the corresponding division facts in their rap/song too?
* Get your child to make a multiplication flower for a times table of their choice like this one. 30 Fun, Hands-On Ways to Teach Multiplication | Teaching ...
* Ask your child to think about the products that they use at home and how far these have travelled. Food, clothing, toys and electrical items often carry ‘Made in…’ labels. Calculate distances travelled and order from those made closest to home to those made furthest away.
* Practise counting in multiples of 50 and 100 forwards and backwards. Record these sequences on paper.
 | * 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).
* Find online books about space. Find out 5 key facts and write them down.
* 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. See here for inspiration. Can they complete the game over the next week? <https://khalsaread.wordpress.com/>
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| **Weekly Spelling Tasks (Aim to do 1 per day)** | **Weekly Writing Tasks (Aim to do 1 per day)** |
| * 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.
* Practise spelling these words: **division, invasion, confusion, decision, collision, television.** Ask your child to list synonyms for each word (words with the same meaning).
* Learn to spell the names of all the planets in our solar system. Put them in alphabetical order and then order of size.
* Flash writing. Choose 5 Common Exception words and go into a darkened room with a torch and write them in the air with the torch light.
* Using the word bank from Wednesday, ask your child to create their very own space-themed word search. A family member could complete it.
 | * 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. <https://www.literacyshedplus.com/en-gb/resource/broken--rock--paper--scissors-ks2-activity-pack>
* Ask your child to write a diary entry about what it would be like on a Space Station. What do they miss about life on Earth?
* 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.
* 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.
* Create an information poster about Neill Armstrong. Remind your child to use labels and captions. What diagrams could they include?
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| **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 it 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?  |
| **Additional learning resources parents may wish to engage with** |
| [**Classroom Secrets Learning Packs**](https://classroomsecrets.co.uk/free-home-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**](https://www.twinkl.co.uk/offer/UKTWINKLHELPS?utm_source=promo&utm_medium=email&utm_campaign=England_coronavirus_schools_email&utm_content=offer_link) **-** 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.  |
| **#Teamwillowwood** |