

## Week 12 - Learning Project - Space

**Age Range: Year 2 - KS1**

Weekly Reading Tasks	Weekly Phonics Tasks
Ask your child to select a book and imagine they are reading it in space. Try reading it with a torch just before bedtime.	<p>Daily phonics - continue to practise Phase 5 sounds. Y2 children need to be able to spell words containing each of the graphemes they have been taught from all phases. The graphemes and example words can be found <a href="#">here</a>.</p> <p>Interactive games can be found on the links below.</p> <ul style="list-style-type: none"> <li>• <a href="#">Phonics play</a></li> <li>• <a href="#">Top Marks</a></li> <li>• <a href="#">Spelling</a></li> <li>• <a href="#">Spelling City</a></li> </ul>
Ask your child to listen to <a href="#">Look Up!</a> read by the author and then take part in a drawing session with the book's illustrator.	<p>'<b>there</b>', '<b>move</b>', '<b>climb</b>', '<b>fast</b>' and '<b>behind</b>' are some of the words that children in KS1 need to be able to spell. Can your child use these to write sentences about a rocket travelling into space? <u>Don't forget capital letters and full stops in your sentences!</u></p> <p>Perhaps they could add some conjunctions (magic joining words) too?</p>
Take a look at these <a href="#">facts about space</a> and read them aloud. Planets on <a href="#">Oxford Owl</a> has further facts. Does your child have any further questions about space that you could investigate?	The word ' <b>space</b> ' contains the split digraph ' <b>a-e</b> '. Ask your child to list as many words as they can containing the ' <b>a-e</b> ' sound. Your child might identify words that contain an alternative spelling for ' <b>a-e</b> ' such as <b>ai/ay/a</b> .
Ask your child to list as many words about space as they can, perhaps they could look in books for ideas? Record the meaning of each word.	Write the names of the planets on separate pieces of paper and practise reading them. Can your child order them alphabetically? Do any of them contain digraphs that they have been taught e.g. Jupiter has the ' <b>er</b> ' digraph.
Listen to Beegu <a href="#">here</a> . Can your child write a character description about Beegu? Encourage them to reference events from the story.	Play the online game ' <a href="#">Yes/No Yeti</a> ' or the ' <a href="#">Suffix Factory</a> '. Can your child list words that end in the suffixes: ing, en, ly?
Weekly Writing Tasks	Weekly Maths Tasks- Length and Height
Ask your child to design their own rocket and write sentences about it. <u>Don't forget</u> to use adjectives to describe it and verbs to describe how it moves. Could they have a go at using a noun phrase too e.g. <b>bright red</b> windows or <b>shiny orange</b> flames?	Ask your child to find a book in your house. Can they find 5 items which are longer than the book and 5 items which are shorter? Order the items from longest to shortest. Measure the items to work out the difference in lengths in centimetres.
Now that they have designed their rocket, ask your child to create an advertisement of the rocket launch. How much will it cost? What time will it launch? Is there anything else on offer?	Can your child write down the name of each family member in order from <u>tallest</u> to <u>shortest</u> . Is the <u>tallest</u> person the <u>oldest</u> person or not? Discuss why this might not be true. They could measure family members using a measuring tape. Photo could be taken to put onto Class Dojo!
Ask your child to plan their own trip to space – what will they take? What will they do there? Record this information in clear sentences, <u>don't forget capital letters and full stops!</u>	Play level 1 of this <a href="#">game</a> to practise measuring things with a ruler. Write some top tips for using a ruler e.g. start at 0 when you're measuring.
Encourage your child to research facts about a planet and then create a fact file about their chosen planet. This could be Earth for example. We'd love to see their fact files on Class Dojo!	Look outside, in your garden or on your walk, can your child find things that are taller than they are and things that are shorter than they are? Again, photos could be taken for Class Dojo.
Watch the Disney short "La Luna" <a href="#">here</a> . Ask your child to	Can your child design a logo for their rocket? They must

write a short diary entry about the star crashing into the moon.

include the following 2D shapes: rectangle, triangle, hexagon, oval and heptagon.

### 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? Use [the Solar System Song](#) to create a diagram showing the order of the planets. Or make real ones using balloons and papier mache.
- **Astronaut Aerobics-** Astronauts have to be fit and agile for their missions into space. Ask your child to design a home workout and put your agility to the test! Can any moves from [Joe Wicks' PE lesson](#) help you with ideas? Then, your child can plan a day of healthy eating for the aspiring astronauts thinking carefully about each food group (meat, dairy, carbohydrates, fruit/vegetables, fish etc..).
- **What are Day and Night?-** Watch the video [day and night](#) with your child. Then create a poster about day and night explaining why we have day and night. Play the quiz and see how many answers you can get right!
- **Rocket Creation-** As part of their writing tasks, your child has designed a rocket. Ask your child to create their rocket using objects they can find in the home such as cardboard boxes, newspapers and tin foil. Can they write a set of instructions to share with a family member or friend?  
Please share pictures of your amazing rockets on Class Dojo!
- **Is There Anything out There?- [Tim Peake](#)** is a famous British astronaut. Ask your child to write any questions they would ask him if they could interview him. Can they answer the questions in role as him? Why not task them with designing a new space suit for him? What would make a good space suit?

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

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

[Numbots](#) Your child can access this programme with their school login.

IXL- Click here for [Year 2](#). There are interactive games to play and guides for parents.

[Mastery Mathematics Learning Packs](#) Learning packs with different activities and lessons. Includes notes on how to do these activities with your children.

Talk for Writing Home-school Booklets [Y2](#) is an excellent resource to support your child's speaking and listening, reading and writing skills.

[Classroom Secrets Learning Packs](#) You will find a Year 2 pack that includes activities linked to reading, writing, maths and practical ideas you can do around the home.

[Twinkl](#) 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.

Additional Year 2 phonics support about Letters and Sounds can be found here:

<https://home.oxfordowl.co.uk/reading/what-is-letters-and-sounds/>

Further advice about reading with your child and developing good comprehension skills can be found here:

<https://home.oxfordowl.co.uk/reading/reading-comprehension/>

Lots of ideas for active learning in all curriculum areas can be found here:

<https://www.bbc.co.uk/teach/super movers>

Although the children won't be sitting SATs this year additional year 2 work can be found here: <https://www.theschoolrun.com/key-stage-1-sats-learning-journey>  
It provides you with an idea of what we have been working towards.

This website is good for a variety of different educational games:

<https://www.ictgames.com/>

Splat square/100 Square resource: [Splat Square](#)

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