

Learning Project WEEK 10 (wc 15.06.20) – Space

Age Range: YEAR 6

Weekly Maths Tasks

Weekly focus: Algebra and Measures

White Rose are providing daily home learning linked to the topic of Algebra and Measures. These can be found by searching 'White Rose Home Learning Year 6'.

They can also be found here:

<https://whiterosemaths.com/homelearning/year-6/>

BBC Bitesize are also uploaded daily lessons which can be found by searching BBC Bitesize Home Learning Year 6.

These can also be found here:

<https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-and-p7-lessons/1>

Because of how broad this topic is, there is a wide range of activities that can be completed. Work through sections, 'T, X and CC.

<https://uk.ixl.com/math/year-6>

If a printer is unavailable, then your child can write the questions and their answers down on a piece of paper and take a photo to upload to their teacher on either Purple Mash or Class Dojo.

More paper based activities can be found below:

Following the recent Space X rocket launch, research some of the distance it has and will travel. Compare these measures to other benchmarks. For example, how far is it to the ISS? How far is that in miles/km. Be creative with your research!

Weekly focus (arithmetic): 4 Ops Fractions

- Create 20 or so little number cards with fractions on. Pick 2 at random (place them face down) and pick a random operation (+, -, x, ÷). Calculate the problem you have randomly selected. If you cannot complete it? Why not? (Negative numbers etc). Keep recreating new number cards as you start to get familiar with them.

Weekly Reading Tasks

Weekly focus: to identify the main theme running through the text

Read 'The Lost Myth of Mathos' and related tasks set on [Purple Mash](#)
Aim to complete one chapter each day.

Additional tasks/reading fluency practice:

- Listen to your child read and let them discuss what they have read. Encourage them to read with expression and intonation.
- Watch [Newsround](#) and discuss what is happening in the wider world.
- Complete a comprehension on [Read Theory](#) site.

Remember to complete any quizzes for books you read on Accelerated Reader (link on website)

Weekly Writing Tasks

Weekly focus: To use language to convey a mysterious atmosphere

- Watch 'The planets' on Literacy Shed. Use this to write a voice over for the video clip. Use figurative language to add detail to your writing.
- Research and write a report about the latest developments in the effort to land humans on Mars. Why is it so difficult to do? When might it be achieved and how? Which organisation is likely to get their first
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Weekly focus (spelling and grammar):

1. Words ending 'ant'

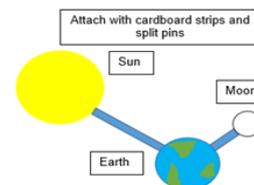
- Word banks from home learning packs
- CGP English books – spelling
- Spelling task set on [Purple Mash](#)
- [Section J.8 on IXL](#)

2. To recognise the progressive tenses

- CGP home learning books – bullet points
- The [bitesize](#) tutorial and activities with can be found on 'bitesize daily' and then 'year 6'.
- Activity set on [Purple Mash](#)
- IXL, Year 6 English, D11, 12

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?
- **Connect the Dots**- Ask your child to examine the different life stages of a star and explore the names and shapes of some famous [constellations](#). Ask your child to create a poster displaying the different constellations which can be used to teach others. Tell them to make it as creative as possible.
- **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. Remember to tweet a video of their dance at [#TheLearningProjects](#).

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](#).

Additional learning resources parents may wish to engage with

[Classroom Secrets 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](#) - 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.

[Headteacherchat](#) - This is a blog that has links to various learning platforms. Lots of these are free to access.

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