



Week 10 – Year 5/6: Learning Project - Space

Weekly Reading Tasks	Weekly SPaG Tasks		
Monday- Can you comic strip/storyboard Neil Armstrong's trip into space?	Monday- Practise your spellings for this week. Some people find that an image to go with the word will help them remember how to spell it.		
Tuesday- Click here for a reading activity about Space Tourism. Try your best to answer all of the questions.	Tuesday- Complete the SPaG task for your year group from the school website.		
Wednesday- Listen to or read along to the poem Cosmic Disco . What do you think is the main idea in the poem? How do you know? Find pieces of the text to help prove your ideas.	Wednesday- Can you find any space related words from the poem Cosmic Disco . Can you draw illustrations to go with these words too?		
Thursday- Complete the reading comprehension from the school website for your year group.	Thursday- Ask an adult to help you with your weekly spelling test.		
Weekly Writing Tasks	Weekly Maths Tasks		
	Y5	Y6	
Monday- Listen to ' Hey Frog! ' and think about what unusual spaces different animals could sit. (Cheetahs on fajitas is my favourite!) Create your own version of the story.	Monday-	Understanding percentages	Solve two-step equations
Tuesday- You've woken up to find an alien at the end of your bed. Write a detailed description of the alien thinking about size, appearance and the sounds it makes. Draw it too!	Tuesday-	Percentages as fractions and decimals	Find pairs of values
Wednesday- Imagine that you are a news reporter, reporting on the alien visit from yesterday. Write a newspaper report on the event or the mischief that the alien caused. Remember to include features of a newspaper report .	Wednesday-	Adding decimals with the same number of decimal places	Convert metric measures
Thursday- Write a persuasive letter/job application to NASA to be the next astronaut to go into space. Remember to include key skills that you have that would make you the best candidate.	Thursday-	Adding numbers with different numbers of decimal places	Miles and kilometres

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** - Research the importance of the [Moon](#) to life on Earth. Find out about the movement of the Moon relative to the Earth and create a diagram of the Earth, Moon and Sun to show how they all work together.
- **Through Space and Time**- Research space exploration history and find out about how people have travelled into space. When was the first rocket launched? When did the first man travel to space? How about the first woman? What questions might you have for an astronaut or NASA?
- **Connect the Dots**- Examine the different life stages of a star and explore the names and shapes of some [famous constellations](#). Create a poster displaying the different constellations which can be used to teach others. Make it as creative as possible.
- **Dancing into Space**- Listen to [Holst's 'The Planets'](#). Choose a planet and decide what you think that planet would be like. Create a dance/ set of movements to go with the music which will portray this. Take a video of your dance to share with everyone.
- **Mission to Space**- Research the different components of a spacecraft and using your understanding of this, design your own spacecraft. Think carefully about what it needs to include in order for astronauts to survive in space. Can you make a small scale model using resources from around the home? There might be inspiration [here](#).

STEM Learning Opportunities

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

- [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 5](#) or here for [Year 6](#). There are interactive games to play and guides for parents.
- [Rob Biddulph](#) – Easy to follow drawing tutorials! New videos are posted every Tuesday and Thursday at 10am. Share results with school or Rob using #DrawWithRob on Twitter.

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.

If your child requires more of a challenge, or you believe that there are some gaps in their learning then [Century Tech](#) is a fantastic resource that is currently free for home learning. The app is designed to address gaps and misconceptions, provide challenge and enables children to retain new knowledge. It uses artificial intelligence to tailor the learning to your child's needs. Sign up [here](#).

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