



Glendale Community Middle School

W.C 29.06.2020: Learning Project – Space

Welcome to this week's activities! As always, please work in a way that suits you, and choose activities that work for your child. Please continue to encourage your child to:

- Read for 15-20 minutes per day.
- Practise times tables.
- Complete the BBC Bitesize daily English lessons.
- Work through the White Rose maths lessons for the week, accompanying worksheets can be found on this week's Home Learning page school website.
- Share their work with us and keep in touch via Seesaw, we're really enjoying seeing what everyone is up to!

Weekly Reading Tasks	Weekly Spelling Tasks	Weekly Writing Tasks
Monday- Task your child with reading unusual things in unusual spaces e.g. a recipe book in the bath. How many unusual spaces can they find over the week?	Monday- Pick 5 Common Exception words from the Year 5/6 spelling list here . Challenge your child to create a word web by finding 5 other related words.	Monday- Visit the Literacy Shed for this resource on Broken: Rock, Paer, Scissors or your child can create a comic strip retelling Armstrong's mission to the moon.
Tuesday- Visit Oxford Owl and login using your child's spelling login or register for free using an email address. Your child can read the eBook Maggie Aderin-Pocock: Space Scientist . Ask them to find out the meanings of unfamiliar words.	Tuesday- Encourage your child to organise these synonyms from slowest to fastest: quickly, speedily, swiftly, hurriedly & in a flash . Which best describes a rocket launching into space?	Tuesday- Ask your child to pretend they have woken up to find an alien at the end of their bed. Write a detailed description of the alien thinking about size, appearance and the sounds it makes. Draw it too!
Wednesday- Click here for a reading activity about Space Tourism . Challenge your child to read the text in 3 minutes and complete the questions.	Wednesday- Some words contain the letter string -ough- . Can your child use this knowledge to complete these sentences against the clock?	Wednesday- Get your child to imagine that they are a news reporter, reporting on this alien visit. They can write a newspaper report. Remind your child of the features of a newspaper . If they have access to a PC, they can type up their finished report on Word or Google Docs.
Thursday- Ask your child to listen to or read along to the poem Cosmic Disco . What does your child think is the main idea in the poem?	Thursday- Task your child with identifying any space related words from the poem Cosmic Disco . Can they draw illustrations to represent these words too?	Thursday- Ask your child to create a travel brochure for a newly discovered planet. Consider: travel time, location, accommodation and things to do and see.
Friday- Encourage your child to research information on past space expeditions here . Which expedition was the most impressive? Why?	Friday- Get your child to proofread their writing from the day. Encourage them to use a dictionary to check the spelling of any words that they found challenging.	Friday- Your child can write a persuasive letter/job application to NASA asking to be the next astronaut to go into space. Remind them that they must include the skills they have that would make them the best candidate.



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Weekly Maths Tasks - Position and Direction	Geography	History
Monday- There are a range of interactive quizzes linked to area and perimeter that your child can work through on this website . There are videos to help too.	<p>For Geography, you can choose to complete activities from the Learning Project listed below or use BBC Bitesize. The Learning Project ideas will change every week and there's lots to choose from.</p> <p>Have fun! Miss Milburn</p> <p>BBC Bitesize weekly geography lessons take place on Tuesdays. You can access them online all week or via the red button on your TV remote on a Tuesday.</p> <p>Here's the link: https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-lessons/1</p>	<p>Hello everyone!</p> <p>Another week of home school done and dusted, I hope you enjoyed learning about the Kingdom of Benin last week. There is another lesson on it this week too.</p> <p>Access it here on Monday or via the red button on your TV remote: https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-lessons/1</p> <p>I have also been using some podcasts in school. Here is a link to "Homeschool History"- you may already have listened to some of these but if not give them a try. You listen to the podcast and then answer questions at the end. You might enjoy "The Stone Age" episode in particular.</p> <p>https://www.bbc.co.uk/programmes/m000hmmf/episode/s/downloads</p> <p>Enjoy and stay safe,</p> <p>Miss Hall</p>
Tuesday- Find objects around the home and get your child to estimate the area and perimeter and then measure the actual area and perimeter. If you have not got a ruler at home use this online resource .		
Wednesday- Your child could make a map of a newly discovered planet. Provide them with a grid drawn onto paper. Each square on the map represents 5 metres squared (m ²). It must include: mountains 220m ² , a water source 140m ² , three islands that must each be between 120m ² and 240m ² .		
Thursday- Ask your child to have a go at the different activities in this NRICH task . This can be done on paper.		
Friday- Order the planets based on the number of Earth days it takes for them to orbit the Sun- Saturn: 10,759 days, Earth: 365 days, Mercury: 88 days, Uranus: 30,687 days, Jupiter: 4,333 days, Mars: 687 days, Venus: 225 days & Neptune: 60,190 days.		

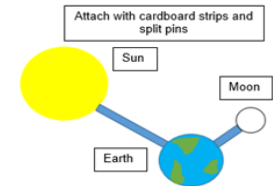


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Learning Project - to be done throughout the week

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.

- **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. We'd love to see their videos on Seesaw!
- **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](#).
- **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](#).



Adapted from #TheLearningProjects by Robin Hood MAT in collaboration with STEM Learning

