



Week 14 W/C 22.06.2020: Learning Project - Space

Y6 Home Learning Document




Hello everyone,

How did you get on with last week's project exploring music! We hope that you enjoyed learning about different instruments and composers. Remember that you can always access previous week's home learning projects on our website if you did not get chance to complete all of the activities. All the week's learning projects are saved in the 'files to download' section at the bottom of our Year 6 web page.

This week's learning project is focused on Space. Did any of you manage to watch the live launch of SpaceX? If not, [you can watch it here!](#) We hope you enjoy the activities this week.

As always, we would love to see examples of your work; we would particularly like you to send us any tasks that we have highlighted in blue.

You can send this work to us via:

 [@canon_burrows](#)
 year6homework@canonburrows.co.uk
 admin@canonburrows.co.uk

Have a great week,

The Year 6 team

Week 14 Guided Reading tasks to be completed at any point during the week

Miss.Howard's group: Check your answers to Chapter 11's questions. How did you do? Read Chapter 12 carefully and answer the questions on this chapter.

Miss.Clayton and Mrs.Thompson's group: Check your answers for last week's questions and answer this week's questions on chapters 35&36.

Mrs.Broomhead: Check your answers from last week on pages 1-5. Read this week's pages 6-10 then answer the questions uploaded on the year 6 home learning page. The eBook can be found here: <https://freekidsbooks.org/wp-content/uploads/2019/12/FKB-Stories-Helping-hand.pdf>

Remember you can access any of the Reading activities and resources available on Oak National Academy: <https://www.thenational.academy/>



Summer Reading Challenge 2020

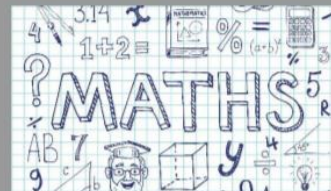
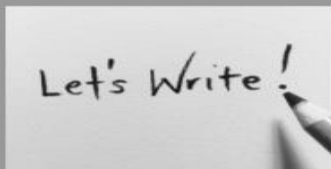
Summer Reading Challenge 2020 - Silly Squad!

The theme for the challenge this year is 'Silly Squad' – a celebration of funny books, happiness and laughter. The Silly Squad are a team of animal friends who love to go on adventures and get stuck in to all different kinds of funny books. It's fun, friendly and absolutely free! This year, for the first time ever, children can sign up to take part in Silly Squad online. All they have to do is read 6 books and collect rewards along the way with plenty of fun free activities to help. Children can sign up here www.sillysquad.org.uk. We would love as many of you as possible to take part in the challenge and share your participation with us on Twitter or Facebook so we can see how you are getting on. Happy Reading everyone!

A message from Tameside Libraries:

Over the years Tameside Libraries have offered an excellent 4 week programme of free fun activities over the summer holidays. Sadly that will not be possible this year. However, we will be offering a Digital Activity Programme over the summer; details of the programme and full details of the challenge can be found here www.tameside.gov.uk/libraries/src

<p style="text-align: center;">Weekly Reading Tasks</p> 	<p style="text-align: center;">Weekly Spelling Tasks</p> 
<p>Monday- Task yourself with reading unusual things in unusual spaces e.g. a recipe book in the bath. How many unusual spaces can you find over the week? You could get someone to photograph you and with a parent's permission, tweet us your images!</p>	<p>Monday- Pick 5 Common Exception words from the Year 5/6 spelling list here. Challenge yourself to create a word web by finding 5 other related words.</p>
<p>Tuesday: Read some of the eBook Solar System. Note down unfamiliar words and find out their meanings.</p>	<p>Tuesday- Organise these synonyms from slowest to fastest: quickly, speedily, swiftly, hurriedly & in a flash. Which best describes a rocket launching into space?</p>
<p>Wednesday- Click here for a reading activity about Space Tourism. Challenge yourself to read the text in 3 minutes and complete the questions.</p>	<p>Wednesday- Some words contain the letter string -ough- Can you use this knowledge to complete these sentences against the clock?</p>
<p>Thursday- Listen to or read along to the poem Cosmic Disco. What do you think is the main idea in the poem?</p>	<p>Thursday- Task yourself with identifying any space related words from the poem Cosmic Disco. Can you draw illustrations to represent these words too?</p>
<p>Friday- Research information on past space expeditions here. Which expedition was the most impressive? Why? Can you record yourself presenting some of your findings?</p>	<p>Friday- Proofread your writing from the day before. Use a dictionary to check the spelling of any words that you found challenging.</p>
<p style="text-align: center;">Weekly Writing Tasks</p>	<p style="text-align: center;">Weekly Maths Tasks- Area and Perimeter</p>



Year 6 Maths: [BBC Bitesize](https://www.bbc.com/bitesize/year6/maths) has class clips to help you with area and perimeter.

Please complete the worksheets uploaded in the 'files to download' section on our web page which match these lessons.

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

Lesson 1: Area and Perimeter

Lesson 2: Area of triangles

Lesson 3: Area of a Parallelograms

Lesson 4: Volume of cuboids

Monday- Visit the Literacy Shed for this resource on [Broken: Rock, Paper, Scissors](#) or you can create a comic strip retelling [Armstrong's](#) mission to the moon.

Monday- There are a range of interactive quizzes linked to area and perimeter that you can work through on this [website](#). There are videos to help too.

Tuesday- Pretend you have 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- Find objects around the home and 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- Imagine that you are a news reporter, reporting on this alien visit. You can write a newspaper report. [Remind yourself of the features of a newspaper](#). If you have access to a PC, you can type up their finished report on Word or Google Docs.

Wednesday- Make a map of a newly discovered planet. Using either a grid drawn onto paper, or you can use squared paper here. 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- Create a travel brochure for a newly discovered planet. Consider: travel time, location, accommodation and things to do and see.

Thursday- Have a go at the different activities in this [NRICH task](#). This can be done on paper.

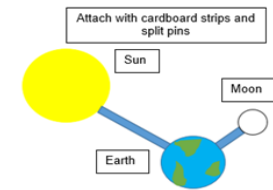
Friday- Write a persuasive letter/job application to NASA asking to be the next astronaut to go into space. You must include the [skills](#) you have that would make you the best candidate.

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.

Learning Project - to be done throughout the week

The project this week aims to provide opportunities for you 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. 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 you could do it.
- **Through Space and Time** - Research space exploration history and create a timeline of how people have travelled into space. 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 you add to your timeline?
- **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. Can you make it as creative as possible?
- **Dancing into Space** - Listen to Holst's '[The Planets](#)'. Select 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 your family and self-evaluate whilst watching the video. Ask a parent's permission and remember to tweet a video of your dance to the school Twitter and use [#TheLearningProjects](#).
- **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 [#sciencefromhome](#)

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](#).
- Ask a parent to help you if you want to sign up and access all of the Mission X resources [here](#).

Additional learning resources you may wish to engage with

- **Spanish** - We have uploaded the home learning grid on to our website. There is one page with a number of activities for all stages of language learning. Year 6 are Stage 4. For each language learning stage, we have selected five topics from the Scheme of Work, and within each topic we have put three buttons:
 - A** A is for Activity – this is the QR code sheet on which the children will have six QR codes they can scan and play games using a phone or tablet
 - K** K is for Knowledge Organiser – now that the audio has been added, the children can now practise the key vocabulary and phonics for their topic and share it with their family at home.
 - V** V is for Video – this is a native speaker video that the children can watch, and join in with any activities

By accessing these activities, videos and vocabulary, the children will be able to practise their language learning at home and revisit any previous topics they have covered, if they wish.

- [Picture News](#) – Each week, Picture News choose a news story, provide an image and a thought-provoking question to encourage children to engage with current affairs and think deeply. Please see the attached document on our year group home learning page titled 'Learning from Home Ideas' which will be uploaded each week. A good opportunity to think about and include our school Christian Values in responses to the learning ideas and questions.
- [BBC Bitesize](#) - Lots of videos and learning opportunities for all subjects.
- [Classroom Secrets Learning Packs](#) - Reading, writing and maths activities for different ages.
- [Times Table Rockstars](#). Your child can access both of these programmes with their school logins. On Times Table Rockstars, children should aim to play Soundcheck for 20 minutes daily.
- IXL online. Click here for [Year 6](#). There are interactive games to play and guides for parents.
- [Mastery Mathematics Learning Packs](#). Take a look at the mastery mathematics home learning packs with a range of different activities and lessons.
- [Y6 Talk for Writing Home-school Booklets](#) are an excellent resource to support your child's speaking and listening, reading and writing skills.

The Learning Projects are based on the **National Curriculum expectations** for the key stage which your child is in.

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