



Learning Project – Week 5 - Environment

KS2 (Years 5 and 6)

Maths Ideas (aim to do 1 per day):

- Play on [Times Table Rockstars](#)
- Arithmetic practise on [Maths Frame](#)
- Get your child to work on their [reasoning and problem solving](#) by practising past SATs questions that are broken down into topic areas and have videos linked to them that can be watched if needed. As these are older papers these are suitable for both years 5 and 6. Click on one of the topic areas listed
- Here are some [mini maths tasks](#). Encourage your child to work through the activities given for each day for their specific year group.
- Direct your child to practise [matching fractions](#) on this game. Get them to work on the mixed numbers.

[WHITE ROSE MATHS](#) – this is a fantastic website for home learning. All you need to do is select the Year Group of your child and click on the video (they are 10 minutes in length.) Each video has 4 warm up questions and then a visual explanation for learning the content. It is really clear and helpful so please do visit this site daily, [here](#).

Reading Ideas (aim to do 1 per day):

- Ask your child to summarise the events from the chapter they have read. They could bullet point what happened, create a comic strip or present the information in their own creative way.
- Ask your child to write a short review detailing their likes and dislikes about the novel so far. Encourage them to justify their opinion with examples from the text.
- Explore the [Highwayman Poem](#). Can they learn it by heart? Can they draw an alternative sketch to represent the Highwayman?

Spelling Ideas (aim to do 1 per day):

- Practise the Year 5/6 for [Common Exception words](#).
- Practise spellings on [Spelling Frame](#).
- Choose 5 Common Exception words. Write synonyms, antonyms, the meaning and an example of how to use the word in a sentence. Can the word be modified?
- Choose a word from the Common Exceptions list. Make this the word for the day. Who in your family can use it the most times correctly?
- Get your child to proofread their writing from the day. They can use a dictionary to check the spelling of any words that they found challenging. This will also enable them to check that the meaning of the word is suitable for the sentence.
- Your child may wish to create a word bank about an animal of their choice which includes verbs, adverbs and expanded noun phrases. They can use this for their poetry writing.

Writing Ideas (aim to do 1 per day):

- Ask your child to predict what will happen at home over the next week. They can record this in a newspaper format.
- Your child could write a persuasive letter to Mrs Shackleton about the importance of recycling at school. Get them to research the impact of recycling using books or the internet to find facts and statistics to support their argument.
- Your child can write a biography about David Attenborough. Remind them to include information about his life, how he has helped the environment and the positive impact he has had on global changes.
- **Seaworld should close.** Seaworld is a theme and marine park based in Orlando, America. It is home to giant turtles, orcas and bottlenose dolphins to name a few. Does your child agree/disagree with the above statement? Ask them to write a discussion based on the above statement considering both sides of the argument.



Big Project Ideas (can be completed throughout the week)

- **Endangered Species-** The tiger, Amur leopard, orangutan, sea turtle and the Sumatran elephant are some of the most endangered animals on the planet. Ask your child to choose an animal from one region and describe how it has evolved to suit its habitat. Now ask them to consider how their chosen animal may need to adapt due to the current environment and human threats it faces. Create an informative leaflet about the threat the animal faces and what humans can do to minimise these threats.
- **Upcycling, upcycling-** Encourage your child to choose an item within the house that they do not really use anymore - this could be an old item of clothing, accessory or household item - and upcycle it to make a new item that they will use. Ask them to evaluate the product and identify any areas that they could improve if they were to make it again. They may even want to write a set of instructions so that other people can upcycle the same item too.
- **Protecting our Oceans-** Marine life faces a number of threats including plastic pollution, tourism, habitat destruction, ocean warming and overfishing. How can we make a difference now? Discuss this question with your child and ask them to sketch an image representing the impact society is having on today's oceans using a drawing material of their choice. Afterwards, they may wish to sketch an image of an ideal ocean environment. Encourage them to use websites and books to find out what makes the best environment for marine life to flourish (you may wish to direct them to the Great Barrier Reef and its significance).
- **Do People Intentionally Damage an Area?** - Ask your child to imagine that a new park, housing development, restaurant or other structure is being built on green land near their home. How might this be positive for the environment? How might this be negative for the environment? Create a poster that explains the pros and cons of this new development. Consider wildlife, air and noise pollution and jobs.
- **Air Quality Improvement** - Air quality has been debated across the globe and many are concerned that pollution is making the quality of air poor in many countries. However, in Birmingham they are introducing 'Clean Air Zones' from around July 2020. With this in mind, ask your child to create a set of questions that they could ask their parents, grandparents or other family members about how their local area of London has changed over time. Afterwards, they can interview their family members and then make a video news report about what they have discovered.

Additional Resources

Here is a list of other online resources that you may wish to explore with your families.

Online resources:	YouTube Channels:
<ul style="list-style-type: none">- BrainPop- Curiosity Stream- Tynker- Outschool- Creative Bug- Discovery Education- Phonicsplay	<ul style="list-style-type: none">- Crash Course Kids- Science Channel- SciShow Kids- National Geographic Kids- Free School- Geography Focus- TheBrainScoop- SciShow- Kids Learning Tube- Geek Gurl Diaries- Mike Likes Science- Science Max