



Learning Project – Week 5 - Environment

KS2 (Years 3 and 4)

Maths Ideas (aim to do 1 per day):

- Play on [Times Table Rockstars](#)
- Play on [Hit the Button](#) - number bonds, halves, doubles and times tables.
- Work on a shopping list for the weekly shop and get children to add up how many items and add up the cost of some items. [This game](#) could support work on making amounts of money.
- Practise telling the time. This could be done through [this game](#) (scroll down to access the game). Read to the quarter hour and the nearest 5 minutes.
- Get a piece of paper and ask your child to show everything they know about **Shape**. This could be pictures, diagrams, explanations, methods etc. They can be as creative as they want to be.

[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):

- Reading a variety of books at home. Your child could share a book everyday. This can be reading a book aloud everyday or sharing a book with an adult.
- You could share a story together. This could be a chapter book where you read and discuss a chapter a day.
- Explore new vocabulary you find when reading. What are the origins of this word? Can it be modified? Can you find any synonyms or antonyms for your new word?
- Watch [Newsround](#) and find out what is happening in the world. What did you find out? Is there anything you need help understanding?
- With your child, look in magazines, newspapers and books for new vocabulary they are unfamiliar with. They could use a highlighter to highlight in magazines and newspapers.
- Read a book that has been made into a film. – watch the film afterwards and see which you prefer.

Spelling Ideas (aim to do 1 per day):

- Practise the Year 3/4 for Common Exception words.
- 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 5 Common Exception words and practise spelling them using across and down. Write the word across the page then down the page, e.g

Spelling

P
E
L
L
I
N
G

Writing Ideas (aim to do 1 per day):

- Write a diary entry to a family member telling them all about how their day or week has been.
- Write a [book review](#) for one of the books they have read. Remember to say what they have enjoyed or not and who they would recommend the book to?
- Draw a scientific diagram of the [water cycle](#) then add labels and captions to explain how it works.
- Write a letter to be sent to local schools explaining why children should support local charities if they can and help those who are in need.
- Design a poster that either expresses the importance of recycling, not dropping litter or another UK environmental issue. Can they think of a catchy slogan to accompany their design?

Big Project Ideas (can be completed throughout the week)



- **Let's Wonder:**

What is the weather like around the world? Which countries are most likely to have a snowstorm, torrential rain, heatwaves etc..... Find out about natural disasters such as forest fires, earthquakes, tsunamis, floods, tornados etc..... How is climate change having an effect on the weather and natural disasters?

- **Let's Create:**

Using recycled materials design and make a recycling mascot to spread the word about the importance and need to recycle. Think about what it is going to look like? Which materials are they going to use? How are they going to join the materials together? Once completed, remember to evaluate their mascot. What would they do differently next time? Which parts did they find the most challenging and why?

- **Be Active:**

Get into the garden and practise throwing and catching skills and keeping control of ball-based equipment like bats and balls.

Recommendation at least 2 hours of exercise a week.

- **Time to Talk:**

Discuss environmental issues in the UK. **Air pollution, climate change, litter, waste, and soil contamination** are all examples of human activity that have an impact in the UK. What are the global environmental issues? Various processes that can be said to contribute to the global environmental problems include pollution, global warming, ozone depletion, acid rain, depletion of natural resources, overpopulation, waste disposal and deforestation ... These processes have a highly negative impact on our environment. Decide as a family how they could 'do their bit' to look after their environment e.g. you could set up a recycling station in their home; Paper, plastics and glass.

- **Understanding Others and Appreciating Differences:**

Throughout our lives, culture and experience shapes worldviews, children growing up in the Netherlands, for example, have a much different understanding of the role of water in their lives than their peers in the Sahara Desert. The difference between the abundance and scarcity of water in each of these physical environments affects every aspect of their respective cultures, including the global perceptions they will carry with them throughout their lives. Think about food. How do they think people view food in the UK compared to those living in Ethiopia for example? Research a country where food and water are scarce. Find out about charities that help people in need, [Red cross](#), [Christain Aid](#), [Islamic Relief](#) or other charities that are significant to them.

Additional Resources

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

Online resources:	YouTube Channels:
- BrainPop - Curiosity Stream - Tynker	- Crash Course Kids - Science Channel - SciShow Kids



- Outschool
- Creative Bug
- Discovery Education
- Phonicsplay

- National Geographic Kids
- Free School
- Geography Focus
- TheBrainScoop
- SciShow
- Kids Learning Tube
- Geek Gurl Diaries
- Mike Likes Science
- Science Max