



Learning Project – Environment

Age Range: Year 4

Maths Tasks (Aim to do 1 per day)

- 🚩 [Times Table Rockstars](#) – use your individual login to access this.
- 🚩 Get a piece of paper and show everything you know about Shape. This could be pictures, diagrams, explanations, methods etc. Be creative and don't forget to email them to show us!
- 🚩 [BBC Bitesize](#) a lesson a day is available.
- 🚩 [Mathletics](#) try and complete a couple of activities a day.
- 🚩 Make a table of 2D shapes:

Name of Shape	Number of straight edges	Number of curved edges	Number of vertices
Rectangle	4	0	4

- 🚩 Draw a shape picture and label each 2D shape you have used. Which are polygons and which are not? Can you colour pairs of parallel lines in one colour and perpendicular lines in a different colour?
Parallel lines are always the same distance apart for their entire length. Perpendicular lines cross each other at right angles.



Reading Tasks (Aim to do 1 per day)

- 🚩 Share a story together. This could be a chapter book where you read and discuss a chapter a day. Examples of questions that could be asked can be found [here](#).
- 🚩 Read [Pirate Poems](#) from the Oxford Owls website. Make a list of unfamiliar vocabulary. Find out the meaning of the words. Choose one of the poems and produce a likes / dislikes / puzzles / patterns grid for it.

Likes What do you like?	Dislikes Was there anything you disliked?
Puzzles Is there anything that puzzled you?	Connections/Patterns Does it remind you of anything? Did you notice any pattern?

- 🚩 Watch [Newsround](#) and discuss what is happening in the wider world.
- 🚩 [BBC Reading Lesson](#): You're a Bad Man, Mr Gum by Andy Stanton.
- 🚩 Year 4 Reading Pack B Comprehension: [Perseus](#) p3 and 4 (Answers on p5).
- 🚩 **Reading Ramble Challenge**
Write a book review of a book you have read recently. Give a summary of the book, what you enjoyed about it, what sort of person would enjoy it and why they should choose to read it.

Phonics/Spellings Tasks (Aim to do 1 per day)

- 🚩 Choose 10 words from the Year 3 / 4 spelling list. Use scrabble tiles to work out the value of each of your words.
- 🚩 Create an acrostic poem for one of your spelling words.
- 🚩 Practise your handwriting at the same time by choosing 5 spellings to write out 4 times in your best handwriting. Use the [school's script](#).
- 🚩 [Nessy Learning](#) Use secret word 'PUZZLINGLOO', your name and class to login.
- 🚩 Practise your 10 spelling words using this method: Draw around the words showing ascenders and descenders. Look carefully at the shape of the word and the letters in the word. Now try to write the word making sure that you get the same shape.

A = 1	H = 3	O = 1	V = 5
B = 4	I = 1	P = 4	W = 4
C = 4	J = 10	Q = 10	X = 8
D = 2	K = 5	R = 1	Y = 3
E = 1	L = 2	S = 1	Z = 10
F = 4	M = 4	T = 1	Blank = 0
G = 3	N = 2	U = 2	




Writing Tasks (Aim to do 1 per day)


- 🚩 **Writing Task: [Mission Impossible](#)**
Talk for Writing – Home Booklet (Two-week project).
(A donation has been made to Great Ormond Street Hospital Children's Charity so that you can use these at home for free.)
- 🚩 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 you think of a catchy slogan to accompany their design?
- Extra ideas for writing:**
 - 🚩 [BBC Daily English](#) Lessons.
 - 🚩 [Into Film review](#) - write a review of any film you have watched in 100 words or less (win a £20 Amazon voucher).
 - 🚩 [Lincoln Castle](#) – Short Story Competition.
 - 🚩 [Radio Blogging](#) – Daily writing challenges.

The project this week aims to provide opportunities for you to learn more about the environment. Learning may focus on changes to different environments, the impact of humans on environments, climate change etc.


 **Mrs Mulley's Recycling and Upcycling Challenge.**

 **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 you going to use? How are you going to join the materials together? Once completed, remember to evaluate your mascot. What would you do differently next time? Which parts did you 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.




[BBC Supermovers](#): Learn as you move with some of these activities.

['Youth Sports Trust 60 Second Challenges'](#)

 **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 you could 'do your bit' to look after your 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 you 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](#), [Christian Aid](#), [Islamic Relief](#) or other charities that are significant to them.



 **Share:** Don't forget to share your learning using Twitter or the Year Group emails. See below for details.

Additional learning resources parents may wish to engage with

[ABYYT Inspiring Leaders](#) - Young Leaders at home free resources with range of achievable activities: Thankfulness.

Out of the Ark Music: [Recycle it. Song](#) to sing and enjoy.

[Classroom Secrets Learning Packs](#) - These packs are split into different year groups and include activities linked to reading, writing, maths and practical ideas you can do around the home.

[Explorify at home](#) Science activities to do with your children.

[Headteacherchat](#) - This is a blog that has links to various learning platforms. Lots of these are free to access.

[Virtual School Trips](#)

[Hamilton Home Learning](#) - Weekly packs available for Maths and English.

See the [Spalding Parish C of E Day School Update of Websites](#).

Follow [@Y4SPCEDs](#) on Twitter or email your Year Group on: Y4@spaldingparish.lincs.sch.uk.