

### How can you support your child at home?

#### **Reading Reading Reading!**

We believe that the most important thing that parents can do at home to help their children achieve at school is to share books with them.

Reading can help children access other curriculum areas.

Reading can help children become good writers.

Reading can help children communicate well.

Please go to the website for further details about how you can help with your children's reading.

#### **Maths**

Your child will bring home a weekly maths activity that will link to our learning in class. It will be something that they should be able to do mainly independently and aims to consolidate skills. It will be sent home on a Friday and will need to be given in on a Tuesday.

#### **Spellings**

Please support your children in learning the weekly spellings that we set them. Spellings will be tested each Thursday.

**We hope that this leaflet provides a sufficient overview of what your children will be learning over the next term, but if anything is unclear or you would like to discuss it in more detail please don't hesitate to come and see one of us.**

#### **GOAL**

GOAL stands for Get On And Learn. We believe that children learn best when they have ownership of their learning. We also believe that encouraging independent learning skills supports a child in their future education. GOAL provides these two things, with pupil voice at its heart and independence encouraged throughout.



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## Year 5 Curriculum Letter Spring Term 2017/18 Protect our Planet



### **Key Dates for the Term**

Half-Term: 12th-16th February  
Educational Visit: Dawlish Warren date tbc  
Rainbow Day: 21st February  
World Book Day: 1st March  
Arts Week: 12th-16th March  
Family Learning Conferences: 19th and 22nd March 4pm-7pm.  
Reading Cafe: 5HJ Thursday 22nd March  
5NS Tuesday 27th March  
Parent Celebration afternoon: Weds 28th March  
Term Ends: Wednesday 28th March



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# Curriculum Letter

## Year 5 Protect our Planet

### The Big Picture

**End Goal: Natural Disasters News Report/ 'Elements' Dance project**  
**Audience: Year 5 Blog/Celebration afternoon**

### Pupil Voice Questions

- How are natural disasters caused?
- Scenario of a natural disaster.
- Write a diary entry based on a natural disaster.
- Sketch a natural disaster.
- What would you make a shelter from?
- Natural disaster research project.
- Magnitude of earthquakes.
- Tsunami & volcano experiments.
- Design a mini Earth showing where natural disasters happen.

As readers, we will be developing our understanding of non-fiction books linked to our explanation text writing in English. We will also be working on how to use a text to find answers to different questions and developing our comprehension and inference skills.

As writers, we will be exploring writing in the first person using the text 'The Promise' by Nicola Davies. We will develop our understanding of sentence structure and experiment with language choices considering the impact on the reader. We will use this knowledge to carry out some diary writing in GOAL. We will also focus on writing our own explanation texts linked to our GOAL work on natural disasters. Our core text for this work will be Wallace and Gromit's 'Cracking Contraptions' Manual.

As Scientists, we will be learning about and grouping materials according to their properties. We will investigate how materials behave when exposed to fresh water, salt water and earth for a prolonged period of time. This will link to investigating why certain materials are chosen to create every day items and discovering which materials are particularly damaging to our environment and why.

In GOAL the children will do the following:

As geographers, we will report on ways in which humans have improved and damaged the environment. We will investigate which types of natural disasters happen in different places around the world and why. We will consider how locations where natural disasters have happened fit into their wider geographical location. We will also learn about what places may be like in the future, taking account of physical features and how these are changing.

As artists, we will create sketches of natural disasters and focus on developing using shading to reflect mood and feeling. We will also learn how to show reflections in our sketches.

As designers, we will design a mini shelter to be used in the event of a natural disaster, considering which materials and construction techniques would be most suitable and why.

As Mathematicians, we will be looking at place value, addition, subtraction, multiplication and division. We will be continuing our focus on reasoning and problem solving and will be looking specifically at problems involving decimal numbers. We will be looking and explaining the relationship between decimals, fractions and percentages. We will also be focussing on justifying our decisions.

As dancers, we will be choreographing a dance representing the elements of Earth, water, air and fire. The dance will be made up of a variety of dance styles and techniques and all children will create motifs to reflect their element. We will present our dance to parents / carers at the end of term. As sports people, we will be developing our teamworking skills through invasion games. This will involve adapting and refining tactics as well as evaluating and supporting one another as coaches.

As Programmers, we are going to create an original artwork and sound for a game. This will involve writing and debugging programs and using sequences and repetition of commands. We will also focus on using logical reasoning to explain how simple algorithms work and detect and correct errors. Towards the end of term we will have time to evaluate each others games.

### Rainbow Values

Enjoyment	Potential	Inclusion	Community
A trip to Dawlish Warren will inspire the children to further their learning in a different environment.	The children will be exploring connections and relationships between fractions, decimals and percentages, a new focus for this term. The children enjoy reaching their potential in Maths.	The children will be working as part of a team to research, sketch and design a shelter for our GOAL work.	We are really looking forward to sharing our love of reading at our Reading Cafés this term.