
 Clean Green World 	Year	1	Topic	Why is recycling important?
	Debate	Why is recycling important?		
<p>This topic will focus on the impact of littering in our local area. It will examine how our actions, and if we choose not to recycle, can affect more than just our community.</p> <p>Through a range of practical activities, children will start to explore the concept of sustainability, looking at their own habits at home and exploring ways in which they can help the environment through recycling and alternative choices, e.g. reusing plastic bottles, recycling packaging. They will learn which items can and can't be recycled and how items should be prepared and separated for recycling purposes.</p> <p>The topic will culminate in a project in which the children upcycle plastic waste items.</p>				

Prior Learning (EYFS)	Future Learning (end of key stage)
<p>Human and Physical Geography Talk about the lives of people around them and their roles in society. Children will have explored the natural world around them. Children will be able to describe what they see, hear and feel whilst outside. Children will recognise some environments that are different to the one in which they live.</p> <p>Skills & Fieldwork Make comments about what they have heard and ask questions to clarify their understanding. Children can draw information from a simple map. Offer explanations as to why things might happen. Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.</p> <p>Global Citizenship Children will understand that some places are special to members of their community.</p>	<p>Human and Physical Geography Children will understand the definitions: lake, river, sea and ocean. Children will learn the names of and locate the five oceans of the world. Children will know the differences between a place in England and that of a place in a non-European country - with reference to Mumbai in India. Children will have examined some differences between life for people in the UK and life for people in a non-European country - with reference to Mumbai in India.</p> <p>Locational and Place Knowledge Children will know the names of and locate the seven continents of the world.</p> <p>Skills & Fieldwork Children will use positional language: left, right, below, next to.</p> <p>Global Citizenship Children will understand why plastic is used as a material for packaging and other products. They will learn the term 'single use plastic'. Children will learn that plastic waste from the UK can damage environments in faraway places, e.g. the South Pacific Garbage Patch & Henderson Island.</p>

	Children will learn specifically about the damage caused to wildlife by waste plastics.
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National Curriculum Links	Global Citizenship Themes	
<p><u>Locational and Place knowledge:</u> -Know the names of the four countries that make up the UK and name the three main seas that surround the UK. -Know the name of and locate the four capital cities of England, Wales, Scotland and Northern Ireland.</p> <p><u>Human and Physical Geography:</u> -Know the main difference between a city, town and village.</p> <p><u>Skills and fieldwork:</u> -Know their address, including postcode.</p>	Globalisation & Interdependence Sustainable Development	
	<i>Knowledge & Understanding</i>	<i>Skills</i>
	<p>Simple links with other places (e.g. other areas of our locality)</p> <p>Positive & negative impacts of people's actions (including own personal choices) on others & the local environment</p> <p>How people can damage or improve the environment</p>	<p>Recognise effects of own behaviour on others & use this to help make choices</p> <p>Participate in discussions about issues that affect self, others & the locality</p>

Key Vocabulary
nature, planet, Earth, reuse, recycle, rubbish, litter, sea, ocean, materials, recyclable, non-recyclable, landfill, sorting, community, environment, plastic

Recommended Texts & Web Links
<p>Alba the Hundred Year Old Fish by Lara Hawthorne, Dougal's Deep Sea Diary by Simon Bartram, Dear Greenpeace By Simon James, The Not-So-Green Queen by Katherine Wheatley, The Carbon Monster by Katherine Wheatley, Somebody Swallowed Stanley by Sarah Roberts, Captain Green and the Plastic Scene by Evelyn Bookless, Michael Recycle - Ellie Bethel, George Saves the World by Lunchtime - Dr Jo Readman</p> <p>https://worldslargestlesson.globalgoals.org/resource/we-love-our-planet/</p>

What pupils need to know or do to be secure

Key Learning

Activities / Application of knowledge / Possible Evidence

Where do we live?

- Children will learn that they live in Allestree which is a village located in Derby which is a city in the United Kingdom.
- Children will learn that the United Kingdom is made up of four countries - England, Scotland, Wales and Northern Ireland.
- Children will learn the names of the capital cities of these FOUR countries.
- Children will learn that the UK is surrounded by FOUR seas - the English Channel, Atlantic Ocean, Irish Sea and North Sea.

(This learning will be revisited through spaced retrieval activities throughout the topic)

Why is it important to look after our local area?

- Children will understand the words: nature, planet and Earth.
- Children will reflect on some of the things in their local area that make them feel happy, e.g. parks, trees, animals.
- Children will understand that by caring for their local area, they are contributing to the care of the whole planet.
- Children will become familiar with a simple map of their local area learn and learn their home address *(opportunities for a writing link - letter writing)*.
- Children will take a walk around their locality and collect natural materials for a craft project to represent their 'love of nature' *(see web links)*. This will then be used as an opportunity to discuss how materials can be 'reused'.
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How can we sort our rubbish?

- Children will be introduced to the slogan: 'Reduce, Reuse, Recycle'.
- Children will be able to sort items according to whether they can or can't be recycled.

Examine and label simple maps of the world and local area.

Examine the location of the UK and surrounding oceans on Google Earth.

Children will learn to write their own home address.

Collate photographs and videos from 'field work' around the local area - collecting natural materials but also observing discarded waste and also how waste is contained and disposed of.

Complete simple surveys of items at home that are recycled or reused and present using simple charts.

- Children will be able to sort items from home and/or school that can be put into recycling bins and/or items that can be reused. (*This would work well as a homework task*).

Why is dropping litter bad for the environment?

- Looking specifically at plastics, children will learn that waste plastic in the environment pollutes rivers, lakes and oceans, harms wildlife and stays in the environment for a very long time so looks untidy. (*links to recommended texts, e.g. Alba the Hundred Year Old Fish.*)

How can we upcycle plastic?

- Children will learn some ways in which they can minimise the plastic they use, e.g. reusing a water bottle, not using plastic carrier bags.
- Children will learn some ways in which plastic can be upcycled, e.g. making planters or other items out of plastic bottles, reusing plastic bags.
- Children will complete a small project which requires them to upcycle plastic for a practical purpose, e.g. making planters out of plastic bottles, creating artwork or jewellery from waste plastics.

Why is recycling important?

- Children to return to their 'big question' and be supported to prepare a short presentation explaining why they think recycling is important.

Complete an 'issue tree' showing: issue (trunk), causes (roots), solutions (branches & leaves).

Conduct sorting activities using real items where possible or pictures of items.

Collect reusable plastics and upcycle into usable items.

Field Work / Enrichment

- Children will take a walk around their locality and collect natural materials for a craft project to represent their 'love of nature' (*see web links*). This will then be used as an opportunity to discuss how materials can be 'reused'. During this walk, children will observe any discarded waste they can see and discuss visible ways in which waste is stored and disposed of.