

Devonshire Road- Climate Change and Sustainability Education 2025

Intent:

We believe that educating children about the environment and instilling a sense of responsibility lays the groundwork for lifelong environmental awareness. Our goal is to nurture curious, kind individuals who strive to be exemplary global citizens. By engaging in discussions about these critical issues, we aim to empower our children to make informed and thoughtful choices, becoming responsible global citizens capable of making a positive impact on the world around them.

How do we deliver this across the curriculum?

At Devonshire Road, environmental education is seamlessly integrated into our existing curriculum rather than being taught as a separate subject. We celebrate this integration through various whole-school events. The National Curriculum and EYFS Development Matters document link well with delivering sustainability education and has clear links to the ten areas of Eco Schools. The whole school document shows where there are clear links with subject areas.

Eco-School Golden Threads

Each year, we review and adapt our curriculum so that it is responsive to the needs of our pupils. We have produced an overview so that the children are developing key concepts over time. We have established a set of core-eco-focused ideas -referred to as the Golden Threads- which are interwoven throughout pupils' learning experiences. These threads are closely linked to the ten topics set out by Eco Schools and ensure that environmental education is consistently embedded across the curriculum. By revisiting these regularly, children build a wide range understanding of sustainability and their role in protecting the environment,



EYFS	Biodiversity The variety of life on Earth, including plants, animals, fungi, and microorganisms.	Energy Using energy efficiently and promoting renewable energy source	Global Citizenship Encouraging students to think globally and act locally.	Healthy Living Promoting well-being through healthy eating, physical activity, and mental health awareness.	Litter Reducing litter and promoting waste management practices.	Marine Protecting oceans, seas, and marine life.	School Grounds Managing the outdoor areas of the school to be more sustainable and nature friendly.	Water	Waste Reducing waste through recycling, reusing, and composting.	Transport
	<u>Development Matters:</u> Explore the natural world around them, making observations and drawing pictures of animals and plants Plant seeds and care for growing plants Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things		<u>Development Matters</u> Draw Information from a simple map Recognise some environments that are different from the one in which they live.	EYFS – Curriculum Moves- PE Plant and grow vegetables/herbs	EYFS – Curriculum Explore recycling and reusing materials through everyday routines Litter Picks	EYFS – Curriculum Under the sea Books: Commotion in the Ocean Somebody Crunched Collin	<u>Development Matters:</u> Understand the effects of changing seasons on the natural world around them. Describe what they hear feel and see whilst outside.			EYFS – Curriculum Travel and Transport Discuss walking, cycling and eco-friendly transport Discuss walking, cycling and eco-friendly transport
	<u>EYFS Curriculum</u> Life cycles Minibeasts Animals in different habitats		EYFS – Curriculum Compare life in different places Use of maps				Seasons Seasons come; seasons go -The Tree			

Year 1	Biodiversity The variety of life on Earth, including plants, animals, fungi, and microorganisms.	Energy Using energy efficiently and promoting renewable energy source	Global Citizenship Encouraging students to think globally and act locally.	Healthy Living Promoting well-being through healthy eating, physical activity, and mental health awareness.	Litter Reducing litter and promoting waste management practices.	Marine Protecting oceans, seas, and marine life.	School Grounds Managing the outdoor areas of the school to be more sustainable and nature friendly.	Water	Waste Reducing waste through recycling, reusing, and composting.	Transport
	Science: Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. Identify and describe the basic structure of a variety of common flowering plants, including trees. Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).		My Local Area Comparing locally and globally.	Science: identify, name, draw and label the basic parts of the human body." PE: Master basic movements including running, jumping, throwing and catching... English : Where Food comes from	Geography Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment	Geography Name and locate the world's seven continents and five oceans." This provides foundational knowledge for understanding marine ecosystems and ocean health. Music –Under the Sea				

Year 2	Biodiversity The variety of life on Earth, including plants, animals, fungi, and microorganisms.	Energy Using energy efficiently and promoting renewable energy source	Global Citizenship Encouraging students to think globally and act locally.	Healthy Living Promoting well-being through healthy eating, physical activity, and mental health awareness.	Litter Reducing litter and promoting waste management practices.	Marine Protecting oceans, seas, and marine life.	School Grounds Managing the outdoor areas of the school to be more sustainable and nature friendly.	Water	Waste Reducing waste through recycling, reusing, and composting.	Transport
	<i>Science – Living Things and their habitats.</i> <i>Identify that most living things live in habitats to which they are suited..."</i> <i>Describe how animals obtain their food from plants and other animals..."</i> <i>English – Bee and Me</i> <i>Science –Plants</i>			Science – Animals, Including Humans Notice that animals, including humans, have offspring which grow into adults." Find out about and describe the basic needs of animals for survival (water, food and air)."		Somebody Swallowed Stanley Sea book –non fiction. Habitats – Science	Science – Plant growing			DT- Cars Geography – London transport

Year 3	Biodiversity ☐ The variety of life on Earth, including plants, animals, fungi, and microorganisms. ☐	Energy Using energy efficiently and promoting renewable energy source	Global Citizenship Encouraging students to think globally and act locally.	Healthy Living Promoting well-being through healthy eating, physical activity, and mental health awareness. ☐	Litter Reducing litter and promoting waste management practices.	Marine Protecting oceans, seas, and marine life.	School Grounds Managing the outdoor areas of the school to be more sustainable and nature friendly.	Water	Waste Reducing waste through recycling, reusing, and composting.	Transport
	Science – Plants & Animals Identify and describe the functions of different parts of flowering plants. Explore the part that flowers play in the life cycle of flowering plants... Identify that animals need the right types and amounts of nutrition.	Science – Light Recognise that they need light in order to see things and that dark is the absence of light. Discuss energy use and electricity consumption (linked with appliances and artificial light).	Geography Global Disasters	Science – Animals Including Humans Identify that humans and some animals have skeletons and muscles for support, protection and movement. Recognise the importance of nutrition.”	Shared Read- The Tin Forest					

Year 4	Biodiversity The variety of life on Earth, including plants, animals, fungi, and microorganisms.	Energy Using energy efficiently and promoting renewable energy source	Global Citizenship Encouraging students to think globally and act locally.	Healthy Living Promoting well-being through healthy eating, physical activity, and mental health awareness.	Litter Reducing litter and promoting waste management practices.	Marine Protecting oceans, seas, and marine life.	School Grounds Managing the outdoor areas of the school to be more sustainable and nature friendly.	Water	Waste Reducing waste through recycling, reusing, and composting.	Transport
	/	Science – Electricity Identify common appliances that run on electricity. Construct a simple series electrical circuit Introduces discussion around efficient energy use and alternatives.		Science – Animals Including Humans Describe the simple functions of the basic parts of the digestive system in humans. Identify the different types of teeth in humans and their simple functions.”	Science Human impact on the environment Check litter in the bins Create a poster on how they can help the climate.	Recognise that environments can change and that this can sometimes pose dangers to living things. Includes threats to oceans and marine life. Geography – Polar regions		Identify the part played by evaporation and condensation in the water cycle. Associate the rate of evaporation with temperature Science – changes of state Water Cycle.		Geography – Human Geography & Local Study Describe and understand aspects of human geography, including types of settlement and land use, economic activity including transport links

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	Science- Life Cycle of Plants and Animals Geography- The Alps, Desert Biomes and Climate Change	Geography- Climate Change Industrial Revolution. Waters and Rivers: hydro-electric power Climate and biomes: renewable and non renewable energy	The Promise Story Geography – Climate Change	Food Technology				Debt Aware- Wasting Water Waters and Rivers: importance of local water		Oceans and Trade: impact of oceans on wider world

Year 6	Biodiversity ☐ The variety of life on Earth, including plants, animals, fungi, and microorganisms. ☐	Energy Using energy efficiently and promoting renewable energy source	Global Citizenship Encouraging students to think globally and act locally.	Healthy Living Promoting well-being through healthy eating, physical activity, and mental health awareness. ☐	Litter Reducing litter and promoting waste management practices.	Marine Protecting oceans, seas, and marine life.	School Grounds Managing the outdoor areas of the school to be more sustainable and nature friendly.	Water	Waste Reducing waste through recycling, reusing, and composting.	Transport
	Science –Evolution	Science-Electricity	PSHE Human Rights/Children’s Rights RE	Science- Body Health Design and Technology Food Sourcing/ healthy options		Geography-Oceanas Looking after the oceans/protecting the oceans	Geography Sound Pollution Population/Sustainability			

Whole School Calendar

September Fairtrade Fortnight 	October - DR Big Clean Up WOW Programme Begins - Halloween costume swap 	November Cut your Carbon 	December - DR Ambassadors working on Environmental Review - Christmas Jumper Swap	January Big School Bird Watch 	February DR Ambassadors working on Environmental Review
March DR Ambassadors working on Environmental Review	April Earth Day 	May Walk to School Week 	June - World Refill Day - Let it Bloom June	July - DR Ambassadors working on Environmental Review - Uniform Swap	August