

Sustainability Curriculum

2025-26



Subject Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<i>Year 1</i>	<i>Waste</i>	<i>Biodiversity</i>	<i>Seasons</i>	<i>Saving Water</i>	<i>Common Plants</i>	<i>Protecting the Ocean</i>
<i>Year 2</i>	<i>Waste and Recycling</i>	<i>Earth's Polar Habitats</i>	<i>Natural Habitats</i>	<i>Plants & Animals in the Savannah</i>	<i>Plants and their environment</i>	<i>Plants and animals in the river.</i>
<i>Year 3</i>	<i>Weather and Climate Change</i>	<i>Climate History</i>	<i>Food Waste</i>	<i>Wildlife and Climate Change</i>	<i>Light Pollution</i>	<i>Kelp Forests</i>
<i>Year 4</i>	<i>Nature Reserves and Biodiversity</i>	<i>Renewable Energy</i>	<i>Greenhouse Gases</i>	<i>Food Chains</i>	<i>Changing Land Use</i>	<i>Fast Fashion</i>
<i>Year 5</i>	<i>Humans and global warming</i>	<i>Ethics of space exploration</i>	<i>Plastic and harm</i>	<i>Industrial Revolution and its impact on Earth</i>	<i>Rewilding & species reintroduction</i>	<i>Climate activists</i>
<i>Year 6</i>	<i>Protecting Rainforests</i>	<i>Sustainable Energy</i>	<i>Variation and Extinction</i>	<i>Air Pollution</i>	<i>Reducing Food Waste</i>	<i>Ethical Spending</i>

Subject Sequences of Learning

Links to the wider curriculum within that year group is shown in italics.

Year 1	
Autumn 1	Autumn 2
<i>L: Find out how we can give objects new life</i> <i>L: Discover what happens when rubbish is thrown away</i> Twinkl Eco Adventurers - Waste – Combine lessons 3+4 <i>(Science: Materials)</i>	<i>L: Find out about birds or hedgehogs!</i> Twinkl Eco Adventurers – Biodiversity – Lesson 3 or 4 <i>(Science: Animals)</i>
Spring 1	Spring 2
<i>L: Explore how the seasons affect a pond habitat</i> Twinkl Eco Adventurers – Water & Life – Lesson 4 <i>(Science: Weather)</i>	<i>L: Explore ways of saving water</i> Twinkl Eco Adventurers – Water & Life – Lesson 6 <i>(Humanities: Weather)</i>
Summer 1	Summer 2
<i>L: Identify and name common plants in the local environment</i> Twinkl Eco Adventurers – Earth's Climate & Cycles – Lesson 4 <i>(Science: Plants)</i>	<i>L: Protecting the Ocean</i> https://earthcubs.com/resources/presentations/one-world-one-ocean/ <i>(Humanities: Seaside)</i> <i>Other links:</i> <i>Plastic Pete – Effects of littering on land – letter of persuasion.</i> <i>Somebody Swallowed Stanley - Recycling</i> <i>Clean Up – Effects of litter in the ocean – how it harms animals.</i> <i>Seaside now and then – Comparing how it used to be more sustainable- how can we get back to that?</i>

Year 2

Autumn 1

L: Explore what we throw away

L: Explore how paper can be recycled

Twinkl Eco Adventurers - Waste – Combine Y2 lessons 1 & 2

(Science: Materials)

Autumn 2

L: Compare Earth's polar habitats

Twinkl Eco Adventurers - Earth's Climate & Cycles – Y2 Lesson 4

(Humanities: Polar Regions)

Spring 1

L: Explain how animals are suited to their natural habitats

Twinkl Eco Adventurers - Earth's Climate & Cycles – Y2 Lesson 5

(Science: Animals)

Spring 2

L: Find out about plants and animals that live in a Savannah

Twinkl Eco Adventurers – Biodiversity – Y2 Lesson 2

(Humanities: Africa)

Summer 1

L: Explain how plants are suited to their environment

Twinkl Eco Adventurers – Earth's Climate & Cycles – Y2 Lesson 6

(Science: Plants)

Summer 2

L: Recognise how the plants and animals in a river habitat depend on each other

L: Explore how rivers can be helped

Twinkl Eco Adventurers – Water & Life – Combine lessons 2 & 6

(Science: Microhabitats)

Year 3

Autumn 1

L: Investigate extreme wet, hot and cold weather and how it is affected by climate change

Twinkl Eco Adventurers - Climate and Cycles – Pick relevant aspects from Y3 lessons 3, 4 and 5

(Humanities: Volcanoes)

Autumn 2

L: Explore Earth's Climate history

Twinkl Eco Adventurers - Climate and Cycles – Y3 Lesson 6

Spring 1

L: Investigate and prevent food waste

Twinkl Eco Adventurers – Waste – Combine Y3 lessons 4 & 5

(Science/DT: Food and Nutrition)

Spring 2

L: How is wildlife affected by climate change?

Twinkl Eco Adventurers - Biodiversity – Y3 Lesson 2

(Science: Animals)

Summer 1

L: Explain what light pollution is and how it can affect living things

[Oak National Academy lesson on Light pollution](#)

(Science: Light)

Summer 2

L: Explore the importance of Kelp forests

Twinkl Eco Adventurers – Water & Life – Y3 Lesson 2

(Science: Plants)

Year 4

Autumn 1

L: Discover how nature reserves are used to protect biodiversity

Twinkl Eco Adventurers - Biodiversity – Y4 Lesson 1

(Humanities: Europe -. Identify National Parks in Europe e.g. Can use case study of Hohe Tauern National Park in Austria)

Autumn 2

L: Find out about different types of renewable energy.

What is Renewable Energy? ([Eco Cubs website](#))

(Science: Electricity; DT: Skyscrapers)

Spring 1

L: Understand greenhouse gases

Twinkl Eco Adventurers – Climate & Cycles – Y4 Lesson 5

(Science: States of Matter – Gases)

Spring 2

L: Describe the impact on food chains when humans cause habitats to change

[Oak National Academy lesson – Dangers to food chains](#)

(Science: Food Chains)

Summer 1

L: Explain how land use changes affects wildlife

[Oak National Academy lesson – Changing land use](#)

(Geography: How has Solihull changed over time)

Summer 2

L: Explore fast fashion

Twinkl Eco Adventurers - Waste – Y4 Lesson 3

(DT: Textiles)

Year 5

Autumn 1

L: Explore how human behaviour has caused global warming
Twinkl Eco Adventurers - Earth's Climate & Cycles – Y5 Lesson **2**

Autumn 2

L: Analyse the ethics of space exploration in light of climate change
Twinkl Eco Adventurers - Earth's Climate & Cycles – **Y6** Lesson 1

(Science: Earth and Space)

Spring 1

L: Explore how plastic can be harmful
Twinkl Eco Adventurers - Waste – Y5 Lesson 1
(Can use aspects of lessons 2-4 as well if required)

(Science: Materials)

Spring 2

L: Recognise the impact that the industrial Revolution has had on our planet
(Resources in last year's planning folder)

(History: Victorians)

Summer 1

L: Explore rewilding and species introduction
Twinkl Eco Adventurers - Biodiversity – Y5 - Combine Lessons 2 & 4

(Science: Living Things and their habitats)

Summer 2

L: Explore how individuals can tackle climate change
Twinkl Eco Adventurers - Earth's Climate & Cycles – Y5 Lesson 6

(Science: Animals inc. humans / Scientist Study: Sir David Attenborough)

Year 6

Autumn 1	Autumn 2
<u>L: Identify threats to rainforests and describe some ways in which people are taking action to protect them.</u> <u>Oak Academy lesson – Protecting our rainforests</u> <i>(English & Geography: Amazon Rainforests; persuasive writing/letters to the government)</i>	<u>L: Identify sustainable sources of electricity and describe their benefits to the environment</u> <u>Oak National Academy lesson – Sustainable sources of electricity</u> <i>(Science: Electricity)</i>
Spring 1	Spring 2
<u>L: Explore the link between variation and extinction</u> Twinkl Eco Adventurers - Biodiversity – Y6 Lesson 4 <i>(Science: Evolution)</i>	<u>L: Explore waste that causes air pollution</u> Twinkl Eco Adventurers - Waste – Y6 Lesson 4 <i>(Science: Heart & Lungs – impact of air pollution on human health)</i>
Summer 1	Summer 2
<u>L: Explain which foods have the highest carbon footprint and suggest choices that can lower this.</u> <u>Oak National Academy lesson – Reducing Food waste</u> <i>(Humanities: WW2 – Rationing and reducing food waste)</i>	<u>L: Make decisions between products and consider the environmental and ethical way they have been produced</u> <u>Oak National Academy lesson – Ethical spending</u> <i>(PSD: Budgeting, Needs and Wants)</i>