

Y4 Lorax—environmental issues



End Points:

Understand that humans can affect the natural environment in a positive and a negative way.

Understand how ecosystems are affected by different kinds of pollution

Know how humans have improved an environment in North America.

Know where the 5 oceans are, how water moves around the oceans and how this influences local climate in the UK.

Prior Learning ↔ **Future Learning**

Children can name and locate the world's 5 oceans.(Year1)

Children understand the impact of littering on the animals and the oceans (Year1).

Children understand the cycle of how plastic/rubbish ends up in the ocean (Year 1).

Children will investigate biomes of the world.

Children compare and contrast the biome in Sheffield to Arctic and Tropical Rain-forest biomes.

Children will explore other effects of human actions on the environment.

Key Vocabulary	
Word	Definition
recycling	Breaking down objects and making new things from them.
pollution	Putting harmful things into the environment.
extinct	When all of a species of plant or animal is dead.
local extinction	When all of a species of plant or animal has become extinct in one specific area.
reintroduction	When a species of plant or animal is returned to one specific area.
deforestation	Chopping down natural forests.
Ocean current	Water flows around the ocean in a continuous loop.
plastic	Incredibly useful substance that many common objects are made of.
microplastic	Plastic broken into microscopic pieces, often in water.
equator	An imaginary line that runs around the widest part of the earth, separating the northern and southern hemisphere
Northern and Southern Hemisphere	The Northern Hemisphere is the section of the Earth that is north of the Equator. The section of the Earth that is south of the Equator is called the Southern Hemisphere.

How you can help at home:

Identify which materials you currently recycle and which bin they go in.

Investigate other ways you could change your lifestyle to reduce the amount of plastic you use as a family.

	Effective Communicators	Creative thinkers & problem solvers	The ability to make connections and comparisons	Valuable members of a community	Understanding change, capable of changing and accepting change
--	-------------------------	-------------------------------------	---	---------------------------------	--

Respect

Positivity

Kindness