



Holy Trinity Church of England Primary School

To be the best we can be: for God, for others and for ourselves

Year 3 - Environmental Science

Key Vocabulary	Definition
Environment	The conditions in which living things exist.
Recycling	The process of converting waste into reusable material.
Litter	Rubbish such as paper, cans and bottles left lying in an open or public place.
Global warming	The rise in the Earth's temperature over time.
Deforestation	The action of clearing a wide area of trees.
Pollution	A substance in the air, which has harmful or poisonous effects.
Alternative energy	Using different sources of energy that can be naturally replenished. For example, using wind turbines and solar panels.

'The 3 Rs'



Plastic pollution in our oceans



Sticky Knowledge

- Recycling materials such as paper, glass and plastic can support the environment and reduces the need for raw materials
- We should reduce, reuse and recycle our waste
- Recycling is the process of converting waste into reusable materials

Scientists Link



Greta Thunberg

6 hours

Lesson 1

Can I investigate how our planet has changed over time?

Lesson 2

Can I explore the affect littering has on the oceans?

Lesson 3

Can I understand what I can and can't recycle?

Lesson 4 (extended writing opportunity)

Can I create a leaflet promoting the importance of recycling?

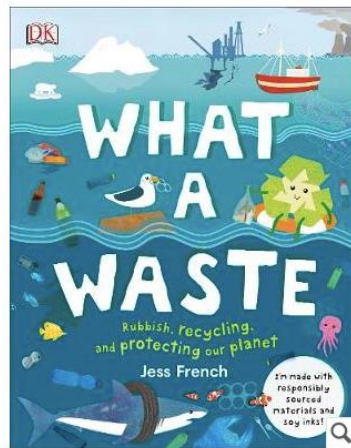
Lesson 5

Can I investigate the small things I can do everyday to help protect my planet?

Lesson 6

Can I research the work of Greta Thunberg?

Link to a text



Science skills

- Observe and record changes over time
- Explore / observe things in the local environment / real contexts and record observations
- Explore their own ideas about 'what if....?'
- Ask questions such as 'What if we tried....?' or 'What if we changed...?'
- Begin to understand that some questions can be tested in the classroom and some cannot.
- Within a group suggest relevant questions about what they observe and about the world around them.
- Find things out using a range of secondary sources of information