

Year 4: Autumn 2 Weather and Environment - Caring for the environment

Previous learning: Pupils will draw upon their knowledge of the impact of humans on the environment (Year 3 Oceans) Pupils will draw upon their knowledge of rural and urban areas and their knowledge of the United Kingdom. (Year 1 and Year 2) Pupils will also draw upon their world knowledge of continents and deepen their knowledge by exploring countries within these continents (Year 2 and Year 3).

Sticky Knowledge

1. Organic farming is the production of crops, animals and other products without chemicals or pesticides.
2. Some plastics take 500 years to decompose.
3. The UK is mostly rural.
4. Rural areas have large amounts of undeveloped land.
5. Water pollution is the process of lakes, rivers and oceans becoming contaminated.

Disciplinary knowledge

1. Study and draw conclusions about places and geographical features using a range of geographical resources, including maps, atlases, globes and digital mapping.
2. Investigate a geographical hypothesis using a range of fieldwork techniques.
3. Describe and explain the transportation of materials by rivers.
4. Describe the impact of pollution.

Week 1

Hosting an awareness event/assembly on global matters (water pollution) Looking at the worst affected areas of the world.

To list and order countries with different pollution and recycling rates sharing my findings with an audience.

To locate and compare the best and worst countries for pollution and recycling and transfer my findings onto a world map sharing my findings with an audience.

Week 2

Urban and Rural areas in the UK.

To identify urban and rural areas on a map of the UK.

To identify the features of urban and rural areas and explain the differences between the two areas.

Week 3	What is organic farming and why is it beneficial?	
	To identify a benefit of organic farming.	To explain why organic farming is beneficial.
Week 4	Water pollution and factors that damage rivers	
	To identify a factor that damages rivers.	To explain which factors damage rivers using evidence: measure, record and explain my findings.
Week 5	What are the effects of river pollution?	
	To identify the effects of river pollution.	To explain the effect of river pollution and how it can be prevented.
Week 6	DT - Recycle and repurpose potential pollution.	
	To make a recycled plant pot.	To create a practical plant pot from recycled materials.