



Why do we need to care for our local environment?

Year 4 Spring Term

Knowledge

- Planet Earth is suffering, mainly under the stress of excess pollution and the burning of fossil fuels.
- An atmosphere filled with gases surrounds our world. These gases form a blanket around the earth letting the sunlight in and trapping heat from the earth to keep us warm.
- The ozone layer has developed a hole as a result of an increase in gases called CFCs
- There are a number of different energy sources, including the wind, waves, the heat of the earth and, of course, the sun.
- There are lots of ways to save the environment like building wind turbines or installing solar panels.

Skills

- L.I - To locate Salford and identify its position (To use a map to locate the Northern and Southern Hemispheres and using lines of latitude/longitude).
- L.I - To know and understand the effects of global warming.
- L.I - To recognise the importance of the ozone layer.
- L.I - To investigate renewal energy. (wind and solar)
- L.I - To research ways to save our environment.
- L.I - To discuss ways on how to care for our local environment. (Non-chronology report)

N.C Links

Locational knowledge

Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.

Identify the position and significance Arctic and Antarctic Circle.

Human and physical geography

Describe and understand key aspects of:

- physical geography: vegetation belts and rivers
- human geography: land use, economic activity, and the distribution of natural resources including energy (renewable energy).

Geographical skills and fieldwork

Use fieldwork to observe and record evidence of pollution in the local area.

Use fieldwork to observe and present features in the local area using digital technologies.

Vocabulary: latitude/longitude, equator, ozone layer, global warming, renewal energy.

Fieldwork - Local area study/ Eco Council

PRIOR LEARNING- Year 3

Where are we in Salford?

FUTURE LEARNING- Year 5

Rivers - Pollution