

## Teaching Climate Change Youth Social Action through Geography

Geography has close links to environmental education KS3 Programme of the study refers to “weather and climate, including the change in climate from the Ice Age to the present.”

### Key Stage 3

The Key Stage 3 curriculum gives young people the opportunity to:

- Inspire in young people curiosity and fascination about the world and its people
- Equipping them with knowledge about diverse places, people, resources and natural and human environments, together with a deep understanding of the earth’s key human and physical processes
- Environmentally looking at the evidence for different causes of climate change, including human activity.

### Key Stage 4

The Key Stage 4 curriculum gives young people the opportunity to:

- Understand more about the world, the challenges it faces and where they are placed within it
- Enables young people to become globally aware, environmentally informed, and thoughtful, enquiring citizens.

### Maps

- Making maps of the local environment using natural materials
- Google map of school site - overlay grid so the site can be surveyed
- How maps have changed over time
- How biodiversity has changed
- Antarctica - maps of ice caps melting

### Ecosystems

- Use of local parks for fieldwork
- Help forest restoration - carbon capture
- Trophic cascading
- Playground/ national park/ living costs

### Surveys

- Air traffic survey
- Traffic
- Environmental quality survey

## **Weather and Climate**

- Climate change/ Global warming
- Understanding the differences between weather and climate
- Climate justice - an imbalance in the geographical impact
- Climate refugee study

## **Rivers and Oceans**

- Floods/Sea levels rise
- Pollution
- Drought
- Use of water
- River ecosystems
- Overfishing

## **Sustainability**

- Is your school an Eco - School?

## **Farming**

- Types of farming - Meat/ Organic/ Sustainable
- Food miles
- Immigration
- Where our food comes from
- Deforestation
- Rewilding

## **Local Area**

- Effects of tourism
- The living coast
- Beach - coastal erosion, chalk cliffs

## **Countries**

- International trade
- Africa - green belt
- Global citizenship
- China, Australia, USA - how could they be greener
- Climate justice