



Teacher briefing sheet

# Conscious Consumers: Climate Change



**Resource age range:** Years 7-13

**Delivery style:** An excellent classroom-based resource. Students could work through independently at a computer.

## Key Outcomes:

- To consider your own perception of climate change
- To explore how climate change is presented in the media
- To understand how different opinions can and have been formed
- To develop an understanding of the term 'planetary boundaries'
- To learn how biodiversity can reduce greenhouse gases
- To explore how food production can be more climate friendly
- To explore your role as a consumer



## Materials

### Provided:

Conscious Consumers Climate Change Workbook,  
Climate Change Presentation (PPT)  
- includes videos with sound so will need speakers or access to headphones, Climate Change Activity Sheet (within workbook)

### Required:

Access to the internet for some activities in this session

## Links to National Curriculum or key qualifications

### Key Stage 3:

Science: 'Relationships in an ecosystem', 'Heart and atmosphere'  
Geography: 'Human and Physical Geography'

### Key Stage 4:

'The development of scientific thinking'  
'Analysis and Evaluation',  
'Ecosystems', 'Earth and Atmospheric Science'

### Post-16 relevant qualifications:

This material could be used as part of delivery or extension on a range of Post-16 qualifications, including but not limited to: A Level Biology, A Level Environmental Sciences, A Level Geography Applied Science, Science T Level

**Example Science and Geography Specification links:****AQA GCSE Combined Science: Synergy**

4.4 Explaining Change (4.4.1.1, 4.4.1.2, 4.4.1.3, 4.4.1.4, 4.4.1.5, 4.4.2.6, 4.4.2.7)

4.8 Guiding Spaceship Earth towards a sustainable future (4.8.2.4)

**Gateway Combined Science A**

B6 Global Challenges (B6.1b, 6.1c)

C6 Global Challenges (C6.2d, 6.2e, 6.2f)

**Edexcel GCSE Combined Science**

Chemistry Topic 8 Earth and Atmospheric Science (8.7, 8.10, 8.14, 8.25,8.26)

**AQA GCSE Geography**

3.1 Living in the physical environment (3.1.1.4, 3.1.2.1)

3.2 Challenges in the human environment (3.2.3.1, 3.2.3.2)

**Additional links and resources:****United Nations; Sustainable Development Goals:**

<https://bit.ly/3nLJKKm>

**Stockholm Resilience Centre; Planetary Boundaries**

<https://bit.ly/3jeGFKU>

**Teacher Notes**

The Climate Change resources are best suited for a class or group activity due to the collaborative nature of the tasks. However, students could work through this material independently if they were encouraged to make notes and reflect at those points in the resources.

Some younger students may need help with some of the key terms and language used in the resource. Students will need internet access for some of the activities – there are links to YouTube videos, so you may need to ask your IT department to unblock access.

The material is accessible and appropriate for students in years 7 to 13. Differentiation is by outcome in most cases although it would be easy for the teacher to scaffold around the prompts and activities to extend into other content or to stretch and challenge older and more able students.

The Climate Change activity could be printed separately to the workbook to reduce copying. If preparing in advance you could cut out the statements and have them laminated for repeated use with students.

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