

Year 10

The Heat Is On

Climate Change Debate

Should citizens of all countries be required to reduce greenhouse gas emissions equally? To what extent should developed and developing countries be treated differently?

Task: In groups of 3-4, formulate an argument in support of, or against the topic questions. Your argument should encompass the points below.

Each group member must contribute to the research and a 5 minute presentation to the rest of the class to deliver your argument.

Your presentation must **compare and contrast** the greenhouse gas production of one developed, and one developing country and address 3 of the following:

1. **Identify** the causes of greenhouse gas emissions with reference to a specific greenhouse gas.
2. **Define** the term “carbon footprint” and **describe** how it can be minimised by a specific country.
3. **Justify** the possible methods of cutting greenhouse gas emissions.
4. Choose ONE greenhouse gas, and **analyse** how increased levels impact on the carbon, nitrogen, or water cycles.
5. **Investigate** the economic costs of cutting greenhouse gas emissions.
6. **Argue** the benefits and drawbacks of introducing green energy sources to reduce greenhouse gas emissions.

