**Year 11 - Global Warming Homework (p44-45)**

<https://www.bbc.co.uk/education/guides/zx234j6/revision>

1. **What is the greenhouse effect?**
   1. Describe this in at least 4 steps.
   2. Use the terms shortwave, longwave, radiation, reflection and scattering.
   3. Use the notes and website to help.
2. **Using source C, summarise the source or origins of the 3 main contributors to global warming.**
   1. CO2
   2. Nitrous Oxide
   3. Methane
3. **Describe the trend shown by the CO2 graph (Source D).**
   1. Overall trend
   2. Quote lowest value in 1960
   3. Quote highest value in 2015
   4. STRETCH – Is the curve concave or convex? I.e. is the pace of global warming slowing or accelerating?
4. **The enhanced greenhouse effect.**
   1. What is the enhanced greenhouse effect?
   2. By how much are temperatures and sea levels expected to rise?

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