



## **The impact of Global Warming and how each individual can reduce their Carbon Footprint.**

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In this work, my pupils have been learning what greenhouse gases are and their origins with regard to human activity on the planet. The processes forming greenhouse gases, how these processes can be reduced and why it is important that the formation of greenhouse gases should be limited by humankind.

We then move on to look how and why humankind has become so dependent on fossil fuels and what we need to do to reduce this dependence. Renewable fuels are discussed and researched so they can see what alternatives are available to us and whether we are making any progress in reducing fossil fuel dependence and to increase our use of renewable energy.

We then look at ways in which renewable fuels are taking over from fossil fuels and whether this will actually meet our energy needs in the future. The differences between greenhouse gases, the greenhouse effect and global warming are then discussed with the cause and effects being carefully pointed out so it is clear which is which and how they differ. The pupils then make a poster to show their learning and consolidate their understanding.

Further discussion then ensues where the pupils are given examples of ways that they can make a reduction in their own carbon footprint. For example, wearing extra clothing, turning down their home heating temperature, walk to school or use their bikes and then they decide what it is that they are prepared to do to help the planet and lower their carbon output.