

# THE GREENHOUSE

## THE PROBLEMS WITH CLIMATE CHANGE



Ice melting

### Polar bears homes destroyed

The 'greenhouse effect' is warming of the climate that results when the atmosphere traps heat radiating from Earth towards space which results in the temperature of the Earth increasing, which is causing the Arctic and Greenland ice caps to melt which is destroying homes for wildlife.



Deforestation

Deforestation is the purposeful clearing of forested land. Deforestation happens for several reasons: To clear land for building and agriculture, to get wood for fuel and to make things like furniture. 2,000 years ago, 80 percent of Western Europe was forested; today the figure is 34 percent. Today, the greatest amount of deforestation is occurring in tropical rainforests, such as the Amazon rainforest. Farmers burn large swaths of forest, allowing the ash to fertilize the land for crops. The land is only fertile for a few years, however, after which the farmers move on to repeat the process elsewhere. Deforestation can result in more carbon dioxide being released into the atmosphere.



Bloxham school main building

## What can we do to help?

There is a lot of things we can do as a school to help reduce our impact on global warming. We could have less food waste, for example in February 2020 the amount of food waste was 3 tonnes. In January it was 3.5 tonnes. we could also turn lights off to save electricity. Automatic lights this will save money on electricity and save the use of co2 emissions produced when creating electricity making the carbon footprint lesser and in the long run is a lot more efficient and greener than normal lights. In the houses you need to change the old bulbs to make them more efficient new LEDs. Turn off stand by products in boarding houses, for example lamps. We can buy and use smart meters to control the temperature of our buildings in a greener way. We could also turn down heating. Buy efficient appliances for the boarding houses. We could install new boilers in the houses that are more energy efficient. Be more intelligent about use of water. A great investment is to get double glazing as less heat can escape. It is also important to draught proof buildings. We can also stop using plastic cups at lunch and start using the washable ones.

We did an interview with Miss Clarke and this is what she said:

### What does Bloxham school do for climate change that you know?

Recycling bins in some building  
Compost coffee cups  
Lots of staff walk to school

### What do you think Bloxham school should do for climate change?

Cycle to work scheme  
Solar panels on Dewey(?)  
Bee keeping

### As a teacher at Bloxham, what are your opinions on Bloxham's actual approach to climate change?

It does more than other schools  
The awareness is good  
Room for improvement

### What is Bloxham actually doing for 'the great big green week'?

This project  
They have had a few assemblies

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