

Global Warming: What we need to know and do!

by Buddy

What is global warming?

In simple terms, global warming is the gradual increase of the temperature of our earth's atmosphere.

Causes of global warming

Us humans are a big cause of global warming and climate change as we use a lot of fossil fuels that contribute to this (gas, oil, coal). In 2012, a statistic was released showing that humans have released about 38.2 billion tons of carbon emissions in one year. That's 2.4 million pounds a second!

Another reason why global warming is happening is because of the rise in population. This is causing people to use more electricity to supply the many appliances they have. Also, more people are moving into urban areas where there are more electrical appliances.

Additionally, cars are becoming cheaper nowadays, making them more accessible for everyone and because there are more cars on the road, more carbon emissions are being put out into the air. This is causing global warming because it is adding to the greenhouse effect* and is making the temperature of the world increase.

**What's the greenhouse effect you ask? It's where the sun's warmth is trapped in the earth's atmosphere, gradually making the earth's temperature rise.*

Effects of global warming

Global warming is effecting many things, one thing being animals' habitats. Where the temperature of the world is rising it is making places hotter around the world. This is affecting places like the Arctic and Antarctica as the polar ice caps are gradually melting. In turn, this is affecting many species of animals, such as, polar bears and the arctic fox because their homes are being destroyed by the hot weather. Furthermore, this is causing those species of animals to be endangered because it is becoming hard for them to find food and they have no place to stay in the water as they're mammals.

What we have to do to reduce global warming

Global warming is becoming a big issue and us humans have to try and reduce the effects of it and save our world's animals from becoming extinct.

One way we can reduce global warming is by using other sources of transportation, not driving. Instead of driving to a place, you can use public transport, maybe a bus

or you can ride your bike somewhere instead of driving there. JUST DON'T DRIVE (*or get a lift from your parents!*) if you can avoid it.

Another way we can reduce the effect of global warming is by switching our electrical devices off when we're not using them. This would reduce the amount of pollution given out as less CO₂ would be emitted by power stations.

Global warming has to be dealt with soon or otherwise we humans will be the reason that many species of animals will become extinct. So next time you see your television on when nobody is watching it, switch it off, make sure you're not the reason that our world is destroyed!