

Pollution

How does burning fossil fuels cause pollution?

Renewable Robbie notices a lot of smoke coming from the chimneys at the Power Station. This comes from burning fossil fuels. Factories, houses, aeroplanes, ships, cars, trucks and buses all burn fossil fuels. Fossil fuels include coal, oil and gas. Burning fossil fuels cause noise and smell *pollution* as poisonous gases are released into the air. Pollution is the release of substances into the air which can be harmful to animals and plants.

Remember that fossil fuels have been formed over millions of years from the remains of dead plants and animals. These remains contain *carbon*. When fossil fuels are burned, carbon is released into the atmosphere in the form of a gas called *Carbon Dioxide*. You can't see carbon dioxide but there is more and more of it in the air as more fossil fuels are being burned. Carbon dioxide is very harmful.

Join Renewable Robbie to see how much you have learnt in the activities section!



Do you know anybody that has asthma? Renewable Robbie has a friend who has asthma. When fossil fuels are burned, people are more at risk of getting asthma or lung problems.

