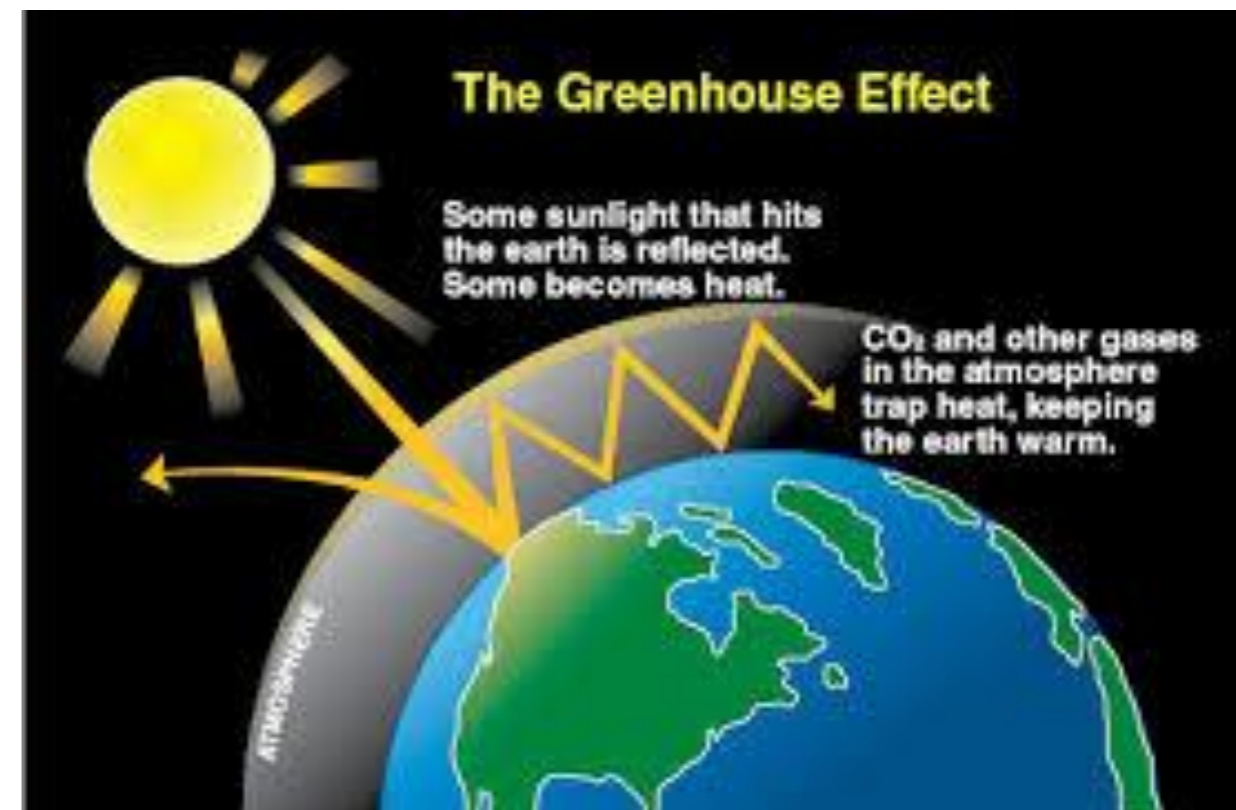
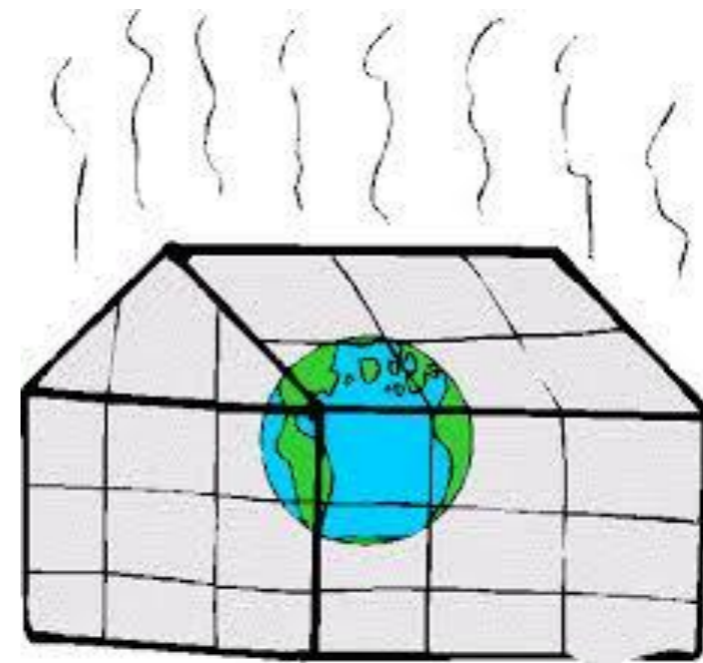


Is the greenhouse effect a good thing  
or a bad thing?





# Global Warming



Add to your progress line -  
Where are you now?

**Aspire:** To explain how humans accelerate the greenhouse effect.  
**Challenge:** To know the natural and human causes of global warming.

# Task 1- What is global warming?



<https://www.youtube.com/watch?v=7Q2NfEmOjug>

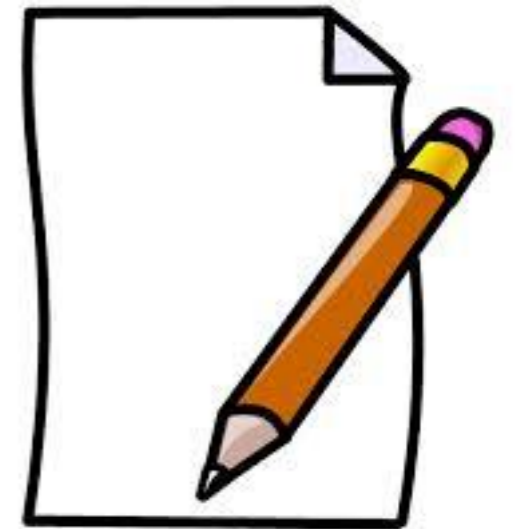
**Aspire:** To explain how humans accelerate the greenhouse effect.  
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# Task 2-What causes global warming?



Partner A - Natural Causes

Partner B - Human Causes



You must read the information carefully

You should make notes on the causes of global warming

Extension: Decide which is the biggest natural or human cause of global warming.

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# Task 2 - What causes global warming?

Partner A - Natural Causes

Partner B - Human Causes

Teach your shoulder partner about natural or human causes of global warming.

You must have information on both recorded on your learning sheet.

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These gases are very important in keeping the Earth's temperature at the correct level so that we can live - therefore it is vital that these remain balanced.

## Natural sources

Carbon dioxide is produced naturally when people and animals breathe.

Plants and trees take in  $\text{CO}_2$  to live.



Methane is produced naturally from cows as they digest their food..  
.. Also from Rice fields



Volcanic eruption can release  $\text{CO}_2$

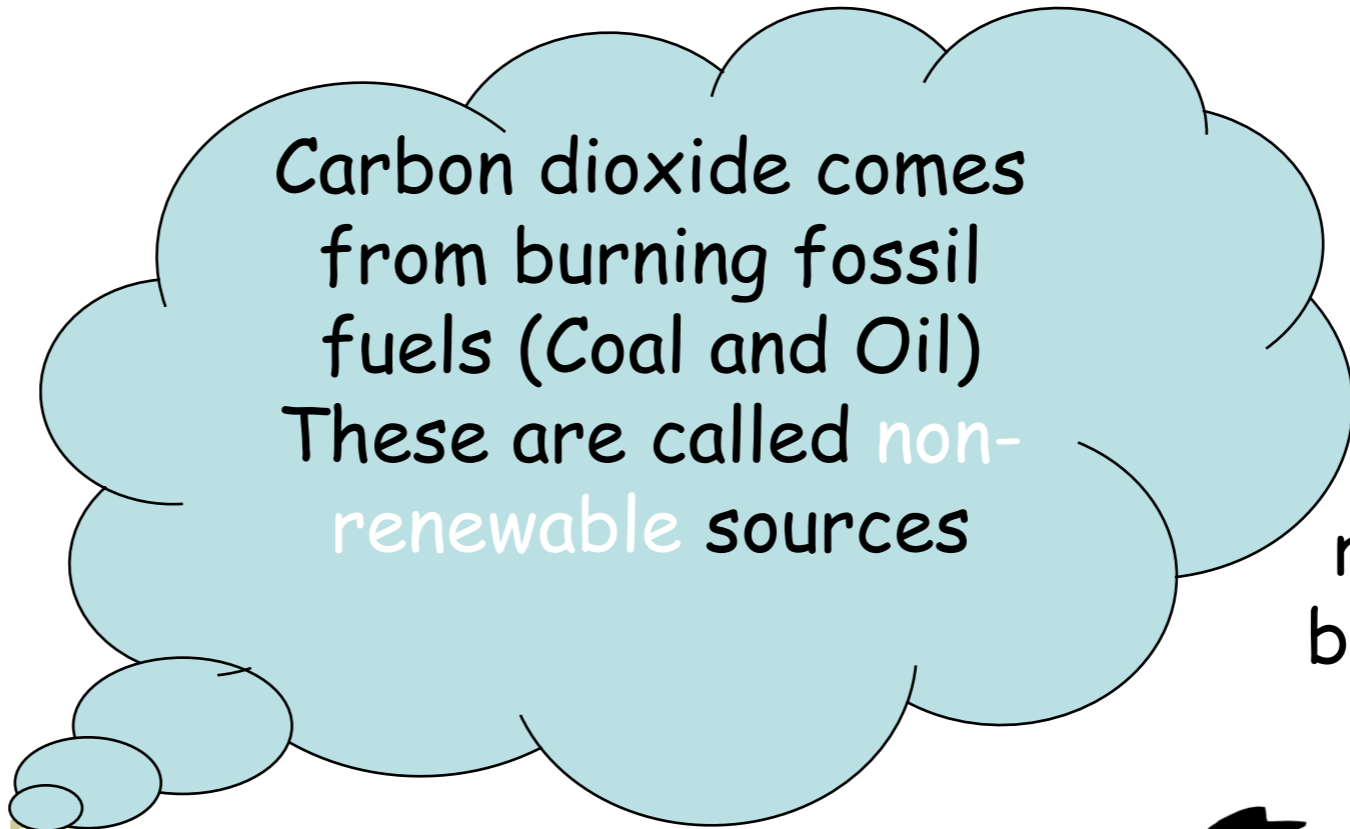


# Man made sources

We burn fossil fuels to make energy, which gives us light and heat



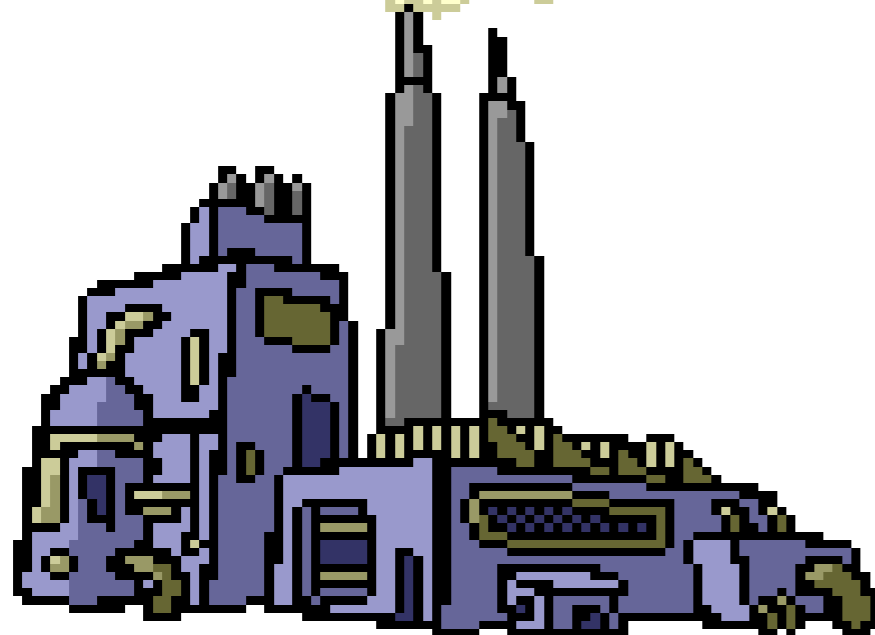
Carbon dioxide comes from burning fossil fuels (Coal and Oil) These are called non-renewable sources



Methane is released from buried waste at landfill sites

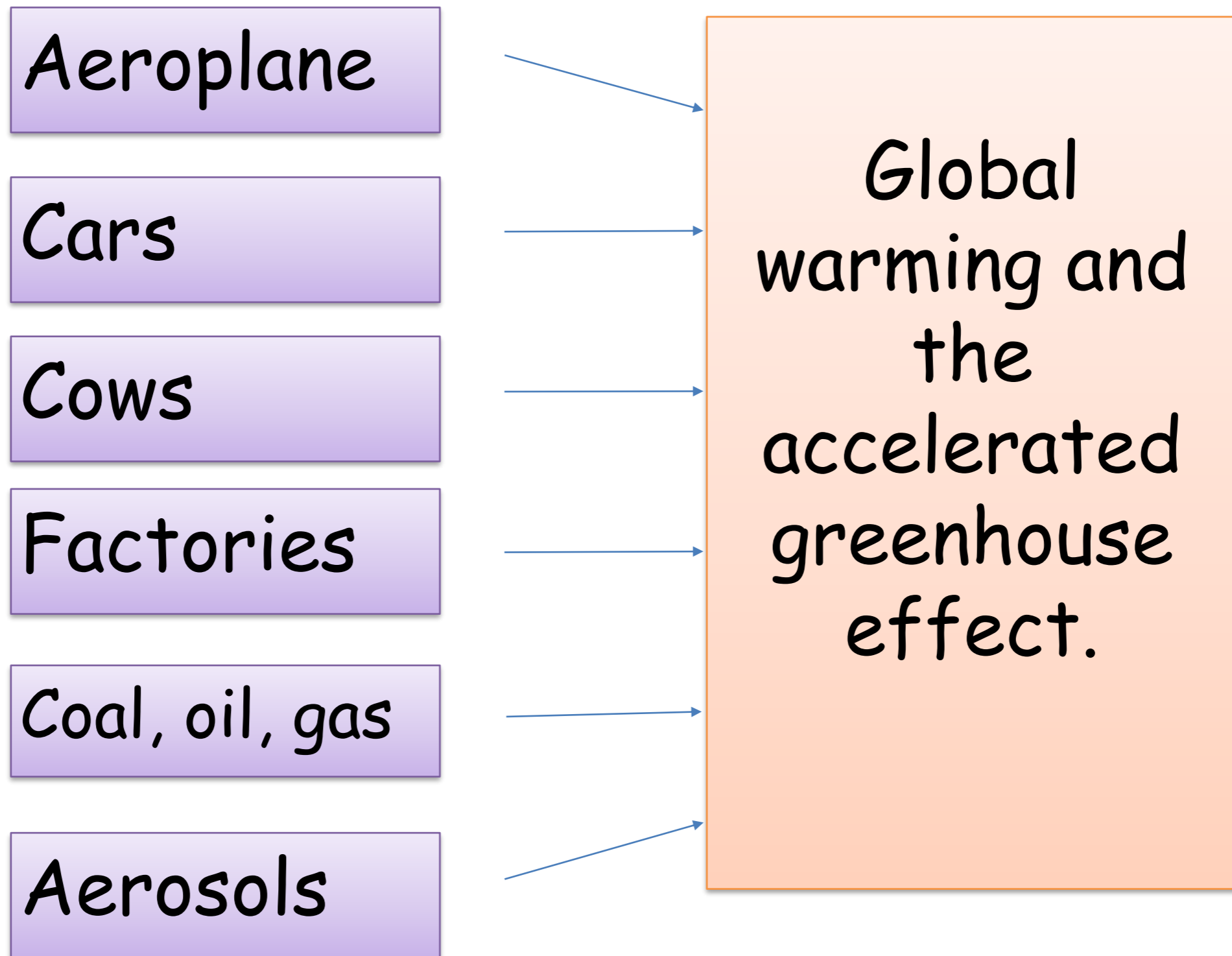


Cutting down and burning trees releases CO<sub>2</sub>





# Causes of Global warming



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# Task 3- Everyday processes

Below is a list of everyday processes. Some of these processes could have an effect on global warming and others don't. with your shoulder partner categorise the processes.

Going on Holiday to Spain on an aeroplane

Driving the car

Turning on the Central Heating

Buying fruit from a local farm

Drying clothes on the washing line

Riding a bike

Going on a local camping holiday

Drying clothes in a tumble dryer

Putting the kettle on

Walking to school

Buying fruit that was grown in South Africa

Turning on the lights

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# Task 4 - Odd One Out

<b>Carbon Dioxide</b>	<b>Methane</b>	<b>Nitrous Oxide</b>	<b>Oxygen</b>
<i>Deforestation</i>	<i>Eating Burgers</i>	<i>Using Solar Panels</i>	<i>Leaving the lights on</i>
<b>Coal</b>	<b>Wind</b>	<b>Oil</b>	<b>Gas</b>
<i>Aerosols</i>	<i>Aeroplanes</i>	<i>Cars</i>	<i>Powerstations</i>

From the lists decide which one is the odd one out and explain why.

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# Global Warming



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