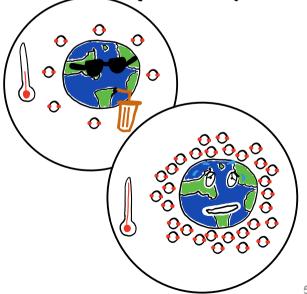
Greenhouse gases warm up the Earth so we can live there.
They are the west!

Pight?

WRONG

Have you ever heard that too much of a good thing Us a lead thing?

This applies to greenhouse gases too!

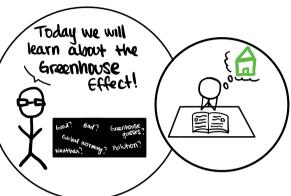


Greenhouse gases are good in moderation because they keep the Earth warm, but too many green house gases means that too much heat is trapped in the atmosphere and temperatures rise.

This is a major cause of global warming.

what have you learned about the greenhouse effect and what questions: are still on your mind?





WHAT do you think heats up the Earth?
Go ahead. Name anything that comes to mind!

I am willing to guess that you thought of the sun.

It will probably come as a surprise to you when I tell you that this is only

somewhat true.

If not for the sun, why is it so hot?!



yes. The sun us incredibly important in heating up the Earth... but equally important are the greenhouse gases that trap energy from the sun!

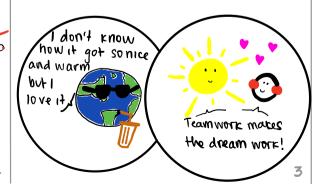
The sun emits uv radiation, which the Earth absorbs and releases as thermal energy.

The greenhouse gases absorb some of this thermal energy and keep it close to Earth so it stays warm and happy! WHAT are grounhave gases?

Like you saw before, they are gasses that alusorly and emit thermal energy so the Earth stays warm.

Without these gases to trap heat in the atmosphere Earth would only be warmed by the sun which would be meffective.





Greenhouse gases include:

- carbon dioxide
- -methane (found in cow's farts)
- water vapour
- nitrous oxide
- -many more!

