

CLIMATE CHANGE



GREENHOUSE GASES

WHAT IS GOOD? WHAT IS THE PROBLEM?

Human activity has increased the amount of greenhouse gases. Burning of fossil fuels such as coal as well as deforestation, intensive livestock farming, use of synthetic fertilizers and industrial processes have resulted in an increase in greenhouse gas emission.

Emission of greenhouse gases is the main cause of climate change.

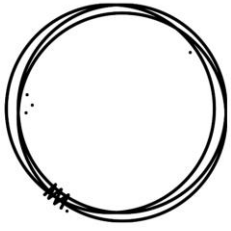


Sunlight passes through the blanket of greenhouse gases and the land and water absorbs the energy in the sunlight. After the energy has been absorbed, it is sent back into the atmosphere. The energy is sent back as infra-red rays.

The problem is that not all the energy can pass through the greenhouse gases. Some energy is released back into space, but some remains trapped in the earth's atmosphere. The trapped energy causes the earth to warm up.

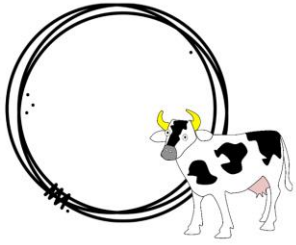
Positive

What is good about greenhouse gases? Think about the way a greenhouse works.



Negative

What is the problem with greenhouse gases? Think about what happens when there is too much greenhouse gases.



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WHAT IS INCLUDED

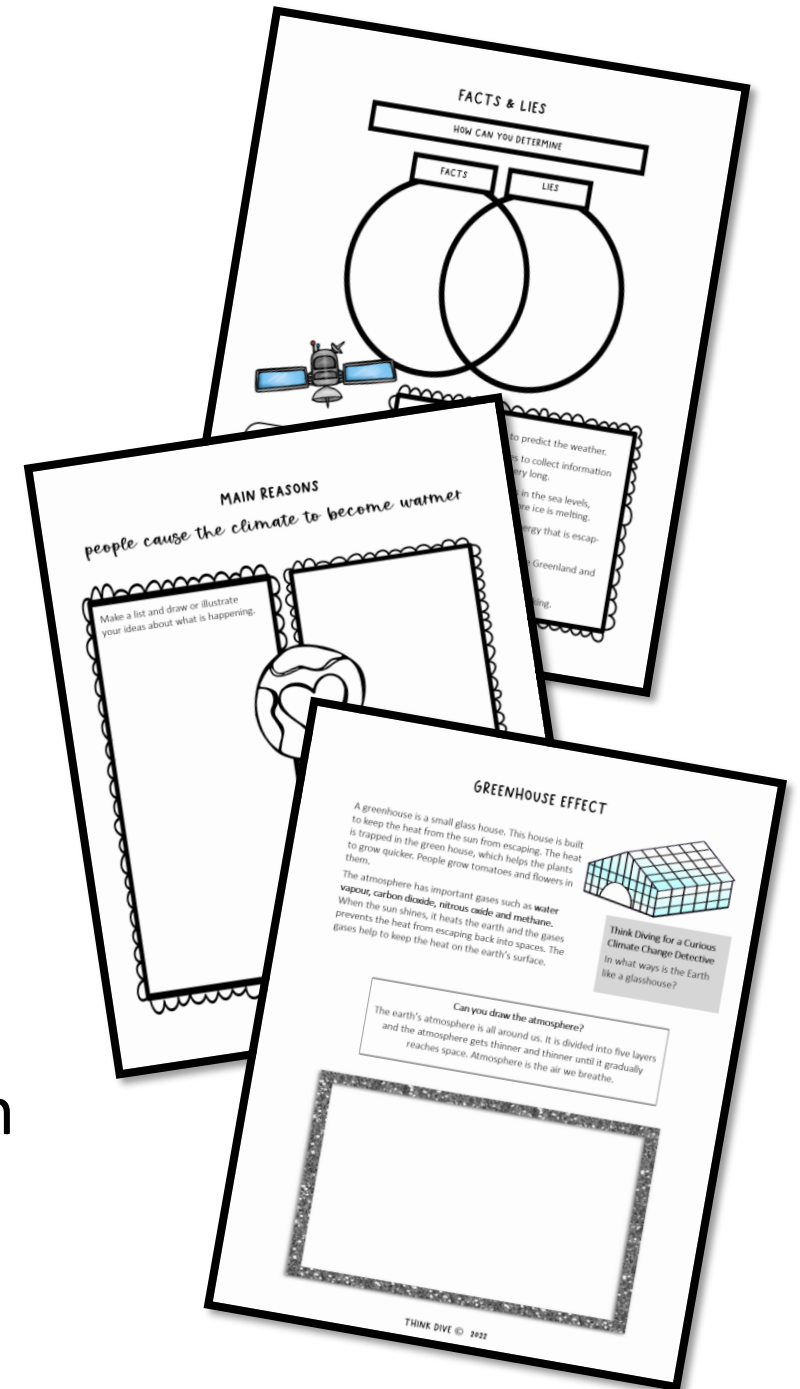
What is Weather? What is Climate?

What is Climate Change?

What might happen in the future?

What can we do?

As the earth gets warmer and warmer the causes, mechanisms, or impacts of climate change on our planet is something that is important to discuss with young children. It is also crucial to explore solutions and ideas that can help us build a better future.





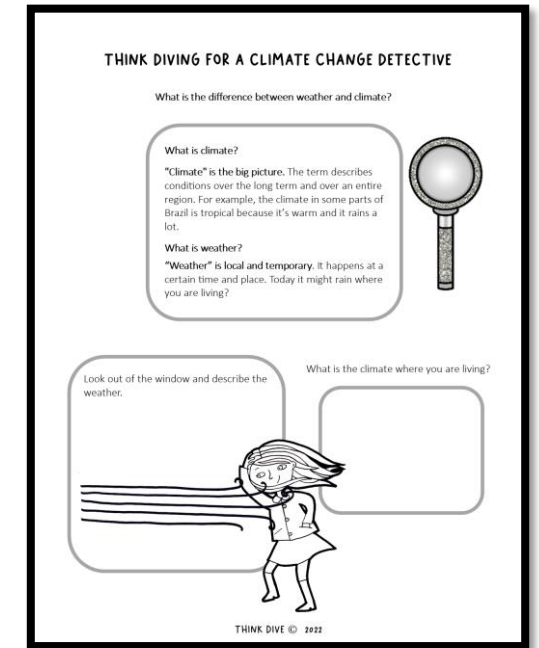
GREAT TO USE FOR

- ❖ Environment Project
- ❖ Earth Day
- ❖ Centers
- ❖ Independent Work
- ❖ Critical and Creativity Thinking Challenges
- ❖ Distance Learning
- ❖ Easel Activities & Assessment included

REVIEWS

“I used this resource for my environmental/recycling class. The children were engaged and loved learning about climate change. Thank You!”

“While I never used this in a classroom setting, I did use this for inspiration for a class in college. I had to create a lesson plan for a 4th grade science class. I chose climate change and how we impact our planet with the choices we make. It was the perfect resource to help create my lesson.”



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