

Let's Learn About Climate Change!

Transcribed from Climate Change (according to a kid)

Read the text below or if you have internet access and permission from a teacher or someone at home, you can listen to the [audio](#) or [watch](#) the Climate Change (according to a kid) video.

'The Earth has the perfect temperature to keep all living things alive and happy. This temperature depends on a balance. The sun's heat goes to Earth to keep it warm. The sun's heat bounces back to space to make the Earth cool. When this balance is lost, the climate changes.'

The Earth's climate has changed many times before. This is called 'natural climate change'. It's caused by volcanic eruptions, changes in the sun's energy and changes in the Earth's orbit.'



Greenhouse gases also make the Earth warmer. They trap heat from the sun. Greenhouse gases are like a blanket covering the Earth.



It started in the 1700's, humans started to build more things. We burn coal to make electricity. We burn oil to make our cars and planes move. We use chemicals to make things. We cut down lots of trees. We burn gas to cook food. We dump lots of trash on landfills. We plant a lot more rice. All these things release greenhouse gases.



Remember the blanket over the Earth? Because of humans, it got much, much thicker.

When I get hot, I sweat. I even get dizzy. Imagine the Earth. Because it's hotter, glaciers and ice sheets are melting. Seas are rising. Storms are getting stronger. Some places are getting drier. Even the sea is getting warmer. All living things are in big trouble.



SO WHAT SHOULD WE DO?

We need to change the way we live so we can stop releasing so much greenhouse gases. That way, the Earth's blanket will go back to normal.'

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Test your knowledge

What happens when the balance of heat and cool is lost?

The climate stays the same

The climate changes

The earth gets angry

Volcanic eruptions, changes in the sun's energy and changes in the Earth's orbit are all a part of:

Natural climate change

Pollution

What do Greenhouse Gases do to the earth?

They make the earth cooler

They make the earth shrink

They make the earth warmer and trap heat from the sun

Humans do a lot of things that release greenhouse gases. Some of them are:

We burn coal, oil and gas

We use chemicals

We cut down trees

We dump trash in landfills

All of the above

Fill in the blank: Because the earth is getting hotter

_____ are rising.