

Causes and Effects of Climate Change

First WATCH the video, then do the exercises!

Watch the video again and fill in the missing words:

Human activities from …….. to overpopulating are driving up the earth's temperature and fundamentally changing the world around us. The main cause is a phenomenon known as the …….. Gases in the atmosphere, such as ……., carbon dioxide, methane, nitrous oxide, and chlorofluorocarbons let the sun's light in, but keep some of the …….. like the glass walls of a greenhouse. The more greenhouse gases in the atmosphere, ……., strengthening the greenhouse effect and increasing the earth's temperature. Human activities, like the burning of …….. have increased the amount of CO2 in the atmosphere by more than a third since the Industrial Revolution. The rapid increase in greenhouse gases in the atmosphere has warmed the planet at an alarming rate. While Earth's climate has fluctuated in the past, atmospheric carbon dioxide hasn't reached today's levels in

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hundreds of thousand years. Climate change has consequences for our ……., our ……., our food sources and our ……..

Finish the sentences

Oceans:

In Greenland and Antarctica

The extra water

Weather:

Warmer temperatures lead to

Food:

Growing crops becomes more difficult

Health:

In urban areas the warmer atmosphere creates an environment that traps and increases the amount of smog. This is because smog contains ozone particles which increase rapidly at higher temperatures. Exposure to higher levels of smog can cause health problems, such as asthma, heart disease and lung cancer.

Fill in the missing words:

While the rapid rate of climate change is ……., by humans, humans are also the ones who can ……., it. If we work to replace fossil fuels with ……., like solar and wind which don't produce greenhouse gas ……..,, we might still be able to prevent some of the worst effects of climate change.

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