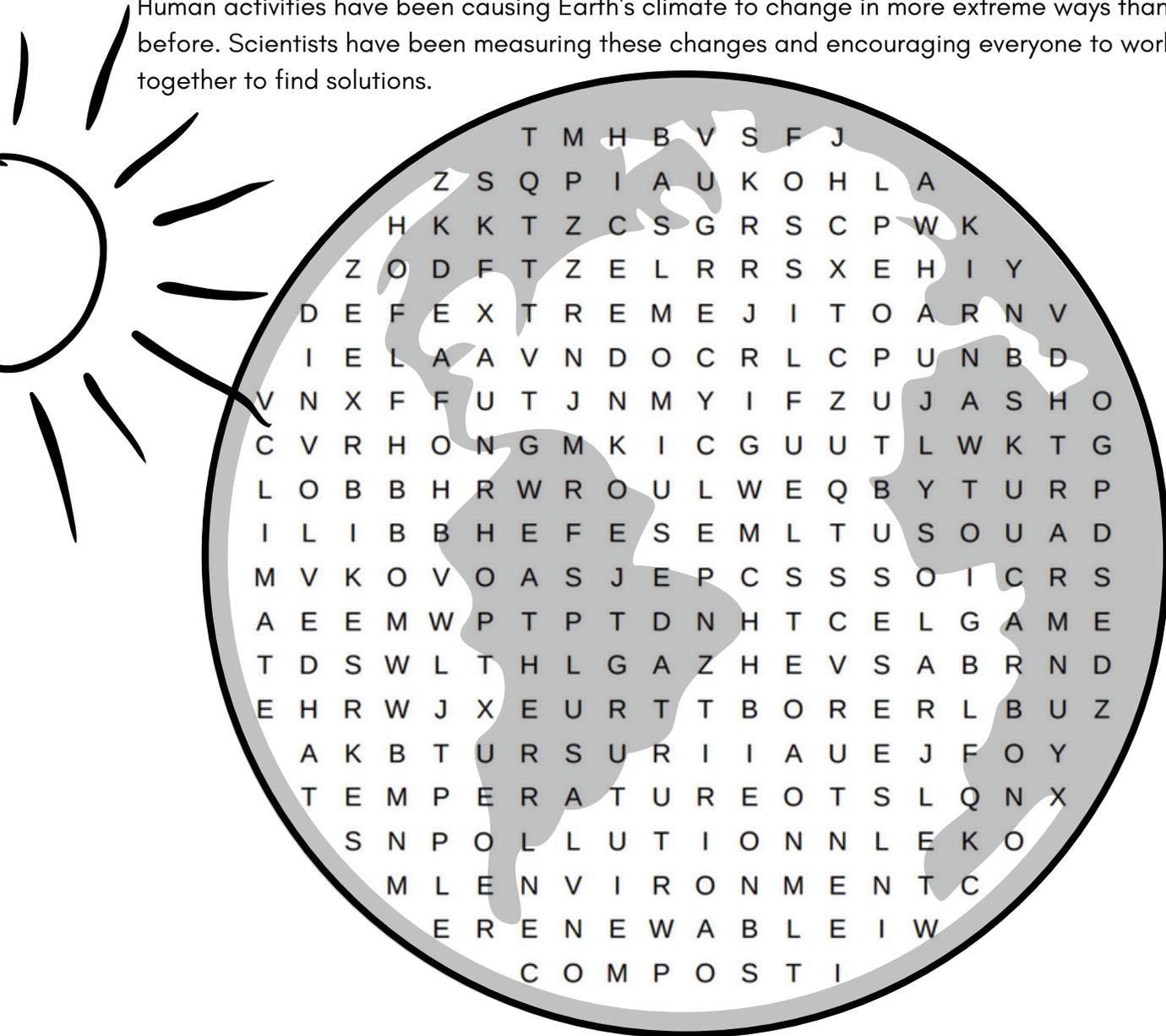


Climate Change

Human activities have been causing Earth's climate to change in more extreme ways than ever before. Scientists have been measuring these changes and encouraging everyone to work together to find solutions.

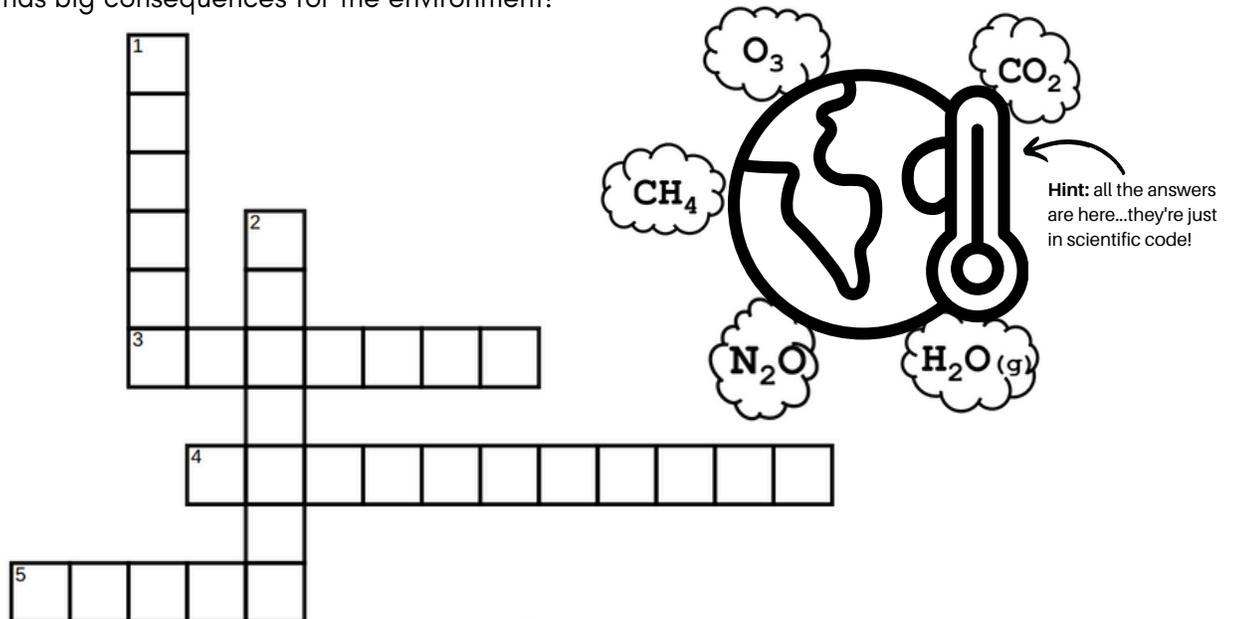


Find the underlined words! (22 words total)

Humans release pollution which is harmful to the environment and causes global climate patterns to change. Activities like burning fossil fuels, deforestation, and agriculture release carbon dioxide and other greenhouse gases into the atmosphere. This traps heat around Earth and causes the global temperature to rise, oceans to warm, sea ice to melt, and weather to be more extreme. We can help with climate change by switching to renewable energy sources, (like wind and solar), using bikes or busses instead of cars whenever we can, learning how to recycle and compost our waste, and getting involved in our communities!

Greenhouse Gases

Greenhouse gases trap heat in the atmosphere and act like an invisible blanket around the Earth. In small amounts, greenhouse gases are good for the Earth. However, over the last 150 years humans have been releasing large amounts of greenhouse gases into the atmosphere, which is causing unnatural warming and has big consequences for the environment!



Hint: all the answers are here...they're just in scientific code!

Down

- ___ dioxide. Released from burning fossil fuels. Stored within plants, soils, animals and the ocean.
- Released by cows and other livestock, burning fossil fuels, and decaying organic waste. 22 times more powerful than 1 down.

Across

- ___ oxide. Emitted by applying fertilizer and burning fossil fuels.
- Most abundant greenhouse gas in the atmosphere. Gas form of H₂O.
- Natural layer of the atmosphere that protects us by acting as shield to block the sun's harmful rays.

Thinking of ways to help

Draw lines to connect the green idea to the location(s) where you might think of them!



Will this item only be useful once, or can I use it over and over again?

Maybe I'll plant some native flowers that help the bees to pollinate!

I'll try to sell, donate, or repurpose this item instead of throwing it away.

I think I'll bike today instead of getting a ride.

Growing some of my own food is fun, delicious, AND reduces pollution!

Do I really need this? Or do I already own something else that would work?

Hmm...does this go in the compost, recycling, or garbage?

Since no one is using them, I'll turn off the lights and the tap.

Come up with your own idea!

