## Purpose

Use what you’ve learned about climate vocabulary in this lesson to craft a paragraph about climate change. This will help you remember what the terms mean, how to use them, and how they connect to the challenges of climate change.

## Process

In the paragraph below, fill in the blanks with a vocab word from the word bank. If there’s a part of speech below the blank (adjective, noun, adverb), choose your own word to complete the sentence.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is one of the most challenging and \_\_\_\_\_\_\_\_\_\_ issues we face. Between wildfires, \_\_\_\_\_\_\_\_\_, and other disasters, it’s in the news nearly every day. These impacts are driven by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and are causing long-term shifts in \_\_\_\_\_\_\_\_\_\_\_ patterns. Everything from the \_\_\_\_\_\_\_\_\_\_\_\_\_ we experience daily to the health of our ecosystems is feeling the strain. Climate change is caused when \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ like carbon dioxide and methane trap heat in the atmosphere and increase temperature worldwide. It’s \_\_\_\_\_\_\_\_\_! Human activities, particularly the burning of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, are altering the Earth’s natural \_\_\_\_\_\_\_\_\_\_\_\_\_ and driving climate change. Other human-produced greenhouse gases like hydrofluorocarbons (HFCs) and chlorofluorocarbons (CFCs) have less of an impact on climate change but are causing big problems for the \_\_\_\_\_\_\_\_\_\_\_\_\_\_. So if everything is \_\_\_\_\_\_\_\_\_\_\_, what can be done about it? While it’s helpful to consider the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of individuals and \_\_\_\_\_\_\_\_\_\_\_, we need some big solutions to address the most significant causes and impacts. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ solutions are needed to manage the climate impacts that are here now and will get worse in the future, while \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ solutions are critical to reducing emissions. We’ll also need to develop technologies like carbon \_\_\_\_\_\_\_\_\_\_\_\_\_\_to remove excess carbon that’s already in the atmosphere. Transforming whole systems—like moving from fossil fuels to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ based on things like solar power and \_\_\_\_\_\_\_\_\_—is not done\_\_\_\_\_\_\_\_\_, but our planet, our\_\_\_\_\_\_\_\_\_\_\_\_, and our \_\_\_\_\_\_\_\_\_\_\_\_\_\_ depend on it.

(noun)

(adjective)

(adjective)

(noun)

(adverb)

(noun)

(noun)

(noun)

(adjective)

**Word Bank**

|  |  |  |  |
| --- | --- | --- | --- |
| climate change | climate | carbon footprint | adaptation |
| global warming | greenhouse gases | carbon cycle | mitigation |
| weather | ozone layer | sequestration | fossil fuels |
| clean energy |  |  |  |