



Climate Change

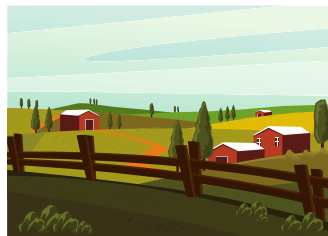
1. What is the difference between weather and climate?

2. The greenhouse effect is when certain types of gases trap the sun's energy and make the earth warmer. Without the greenhouse effect:

- We couldn't grow tomatoes in winter.
- The climate would never change.
- The earth would be 33 degrees colder, and we couldn't live on the planet.



3. What was the Industrial Revolution, and what did it have to do with greenhouse gases and climate change?



4. What are some of the problems the planet faces as it gets hotter? Give at least three examples.

Greta Thunberg is a Swedish climate activist. At the age of 15, in 2018, she was so worried about climate change that she started skipping school to protest outside Parliament. Her personal "School Strike for Climate" soon turned into a movement involving millions of schoolchildren all over the world. Greta famously said "how dare you" to world leaders at the United Nation's COP conference in 2019, and has been nominated for a Nobel Peace Prize three times. She was *Time* magazine's Person of the Year and on *Forbes* magazine's list of the 100 Most Powerful Women in the World.



European Parliament

4. What kind of person do you think Greta is? Why do you say that?

5. If you could interview Greta, what would you ask her? List your top three questions.

6. What can kids do to reduce greenhouse gas emissions? List at least three that apply to you.

