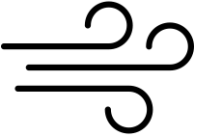


Climate change

Part 1. Fill the box with the name of weather events.

Cloudy, windy, rainy, shower, foggy, stormy, drought, hurricane, tornado, heat wave, cold wave

Part 2. Watch the video and answer the following questions.

1. Explain what is global warming?

2. Why has the planet's temperature risen?

The earth is surrounded by the _____, a thin layer of _____ which allows part of the _____ to penetrate, for that this layer consists of gases called _____ gases whose mission is to absorb part of the energy received and maintain the planet's _____. One of the main greenhouse effect gases is CO₂. With the industrial revolution, CO₂ _____ started to increase owing to the use of fossil fuels like coal or petrol over the past years. The presence of gases like CO₂ in the atmosphere increased and for this reason its capacity to retain solar radiation has been enhanced resulting in an increase of the average temperature of the planet .

3. Facts about the negative effects of climate change.

- (1) Over the past _____ years the average global temperature increased almost 2 degrees fahrenheit.
- (2) If the earth's temperature keeps rising, _____ of animal and plant species may _____ forever.
- (3) Oceans get warmer, and for this reason, the _____ of ice have _____ causing sea levels to rise. Between 1901 and 2010, the sea level has risen _____ inches. This may cause some places to disappear _____ the water's surface.

4. What can we do and why shall we do it? You need to explain it and give an example for each.

- (1) use renewable energy
- (2) use public transport
- (3) use less plastic
- (4) plant a tree
- (5) recycle
- (6) turn off the lights

Part 2 Answers:

2. Atmosphere, gas, solar radiation, greenhouse effect, temperature, emissions

3. 150, 2, thousands, disappear, amounts, decreased, 7.5, beneath