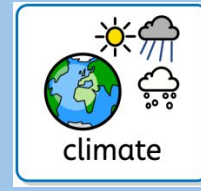


Weather is the short-term daily state of the atmosphere (sunny, rainy, hot, cold etc)



Weather Vs Climate



Climate is the average, long-term pattern of weather in a place. This is typically measured over 30+ years.

WHAT IMPACT DOES CLIMATE HAVE ON THE WORLD?

Global warming means the Earth is getting hotter because humans release extra heat trapping gases that build up in the air like a blanket.

Important Vocabulary.
temperature, forecast, equator, polar regions, affect, greenhouse gas, atmosphere, environment, global warming, pollution, recycling.

Greenhouse gases are gases in the Earth's atmosphere that trap heat.

During the day, the sun shines through the Earth's atmosphere but at night, when the Earth cools, it releases heat back into the atmosphere.

Some heat is trapped by these greenhouse gases. The extra gases released by humans (mainly from coal, oil and gas) are increasing the climate, meaning it is a main factor for climate change.

