



Climate Collaborate Board Earth

Climate Change Effects to The Earth



Big Questions

Weather & Climate

Atmosphere

Water

Energy

Plants & Animals



What Is Climate Change

The Short Answer:

Climate change describes a change in long-term patterns — such as temperature and rainfall — in a region over a long period of time. Scientists have observed Earth's surface is warming, and many of the warmest years on record have happened in the past 20 years.

<https://climatekids.nasa.gov/climate-change-meaning/>



Fill in the Blanks

human

Climate

long-term

increase.

change

warms.

concerned

activities.

1. _____ describes a change in the average conditions – such as temperature and rainfall – in a region over a long period of time.
2. Global climate change refers to the average _____ changes over the entire Earth.
3. Many people, including scientists, are _____ about this warming. As Earth’s climate continues to warm, the intensity and amount of rainfall during storms such as hurricanes is expected to _____
4. There are lots of factors that contribute to Earth’s climate.

However, scientists agree that Earth has been getting warmer in the past 50 to 100 years due to _____

5. When human activities create greenhouse gases, Earth

Draw It

Draw this clean sea in your style! Feel free to add any other living creatures in it!



Match the image with the correct name!

Game interface for matching images with names. The interface consists of a grid of image cards and a central letter card.

- Top-left card: Labeled "Fish", contains a blank white space.
- Top-middle card: Contains a close-up image of a hand holding a pencil over a wooden surface.
- Top-right card: Labeled "Family", contains a silhouette of a family of five walking on a beach at sunset.
- Bottom-left card: Contains a field of sunflowers.
- Bottom-middle card: Contains a blue square with a white lowercase letter "a".
- Bottom-right card: Contains a cloudy sky.

Matching Pairs

