

ACTIVITY LIBRARY — ELEMENTARY

Climate Change: The Basics

What climate change is and how it happens, with a true/false quiz and a creative writing activity.

Climate change describes the change in the average conditions over a long period of time. These changes involve shifts in things like temperature and rainfall.

In today's world, with the use of cars and factories, lots of greenhouse gases are released into the atmosphere. These gases trap heat, making the Earth warmer. When we release too many of these gases, the Earth gets too hot, which starts to hurt our environment. This is a big part of how climate change impacts us.

Humans cause climate change in many ways, like:

- Cutting down forests.
- Letting trash rot in landfills.
- Not recycling and reusing enough.

For humans, climate change can:

- Cause more storms.
- Create health problems.
- Make it harder to grow certain fruits and vegetables.

Even though climate change is so harmful, many people don't know much about it. That's why it is so important to learn and take action to save the Earth!

True or False

For each of the following statements, circle True or False.

- Greenhouse gases make our Earth colder. True or False
- Cutting down forests contributes to climate change. True or False
- Climate change causes more storms. True or False
- Climate change is the shift in the Moon's orbit. True or False
- Learning is a key step in fighting climate change. True or False

Create Your Own Story

Now, write your own story about a human or animal that has been impacted by climate change. Discuss where they are from and how climate change hurts them.

BONUS: Write about humans have caused climate change in their community. Try to incorporate the vocabulary "greenhouse gases" when doing this!