



CLIMATE CHANGE

BASICS



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WHAT IS WEATHER?

Weather is the way the air and the atmosphere feel.



Rainy and Sunny



Thunderstorm



Rainy



Sunny



Cloudy



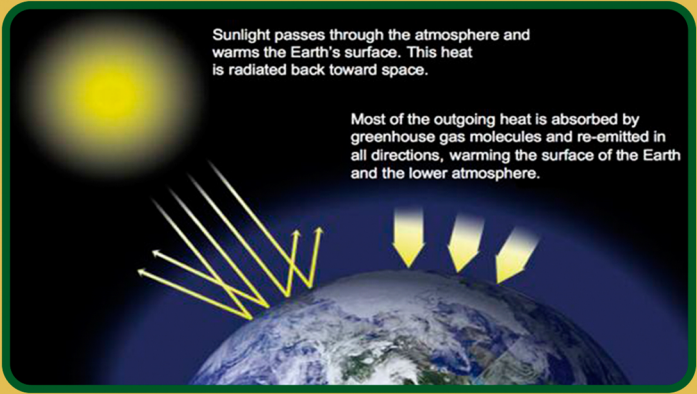
Snowy

WHAT IS CLIMATE?

Climate describes the weather conditions that are expected in a region at a particular time of the year.

WHAT IS CLIMATE CHANGE?

Change in the climate (temperature, wind, precipitation patterns) in a specific location, region, or of the entire

A diagram illustrating the greenhouse effect. On the left, a bright yellow sun emits several yellow arrows representing sunlight that strike the Earth's surface. From the Earth's surface, three yellow arrows point upwards into the atmosphere. From the atmosphere, three yellow arrows point downwards back towards the Earth's surface. The Earth is shown as a blue and white globe.

Sunlight passes through the atmosphere and warms the Earth's surface. This heat is radiated back toward space.

Most of the outgoing heat is absorbed by greenhouse gas molecules and re-emitted in all directions, warming the surface of the Earth and the lower atmosphere.

- Changes in the environment therefore affect living things.
- Human activities have resulted in air and water pollution. People also have destroyed the habitats of many animals.

WHAT IS GLOBAL WARMING?

It is a rise in the temperature of Earth's surface.

CAUSES OF CLIMATE CHANGE?

Human emissions:

- Transportation
- Natural gas
- Petrochemical refineries
- Deforestation



EFFECTS OF CLIMATE CHANGE?

- Change in raining patterns
- Droughts
- Intense Rains
- Heat waves
- Rising Sea levels
- Floods
- Hurricanes/ Cyclones/
Tornado/ typhoon
- Diseases and pests



10 Easy things YOU can do TODAY

- Reduce use of disposables by using your own mug
- Turn off electronic equipment and lights when not in use
take short showers
- Recycle used paper, plastic, bottles, cans
- Bike or walk if you can.
- Turn off your computer when not in use
- Reduce paper use.
- Plant a TREE
- Educate others (friends, family and loved ones) about environmental protection.
- Keep learning

This educational material is developed by the Policy Team members of the Youth in Natural Resources and Environmental Governance (Youth-NREG) Platform, which is convened by the Strategic Youth Network for Development (SYND)

SYND is a youth-oriented NGO that promotes youth inclusion in the governance of climate and other environmental actions in Ghana

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