GLOBAL WARMING

DEFINITION

Increase in the average global temperature of the Earth.

PICTURE

SENTENCE

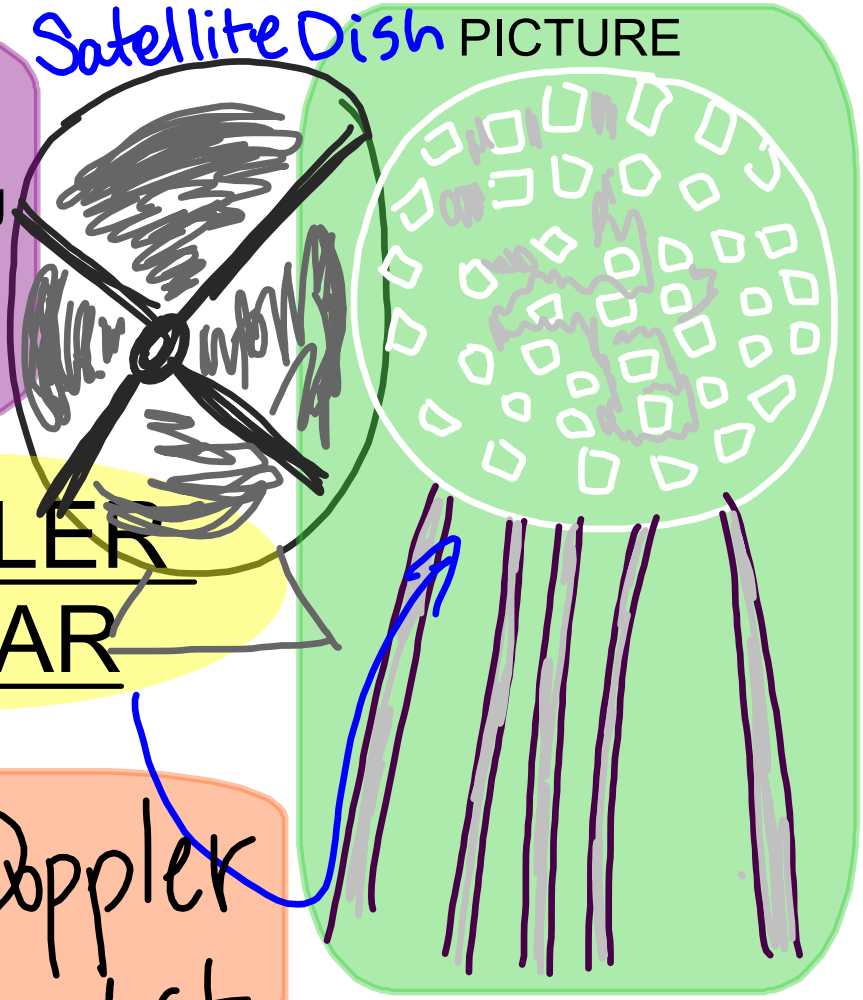
A 1° change in temperature can cause icebergs to melt which is the result of global warming.

DEFINITION

a radar tracking system that determines the velocity of a moving object by measuring the Doppler shift of the frequency of a radar signal reflected by the object.

DOPPLER RADAR

Satellite Dish PICTURE



SENTENCE

Weather people use Doppler Radar as a tool to predict weather.

DEFINITION

a patch of land that has been forced to become a desert because mountain ranges blocked all plant-growing, rainy weather.

PICTURE

RAIN
SHADOW
DESERT

SENTENCE

CLIMATE

DEFINITION

average weather pattern in an area over a long period of time; can be classified by temperature, humidity, precipitation, and vegetation.

PICTURE

SENTENCE

DEFINITION

a short period of climate change in an ara caused by the tilt of Earth's axis as Earth revolves around the Sun.

PICTURE

SEASON

SENTENCE

CORIOLIS EFFECT

DEFINITION

causes moving air and water to turn left in the southern hemisphere and turn right in the northern hemisphere due to Earth's rotation.

PICTURE

SENTENCE

DEFINITION

boundary between two air masses with different temperatures, density, or moisture; can be cold, warm, occluded and stationary

PICTURE

FRONT

SENTENCE

GREENHOUSE EFFECT

DEFINITION

natural heating that occurs when certain gases in Earth's atmosphere, such as methane, CO_2 and water vapor trap heat.

PICTURE

SENTENCE

ADAPTATION

DEFINITION

any structural or behavioral change that helps an organism survive in its particular environment.

PICTURE

SENTENCE

DEFINITION

amount of water vapor held in the air.

HUMIDITY

SENTENCE

PICTURE

DEFINITION

temperature at which air is saturated and condensation forms.

PICTURE

DEW POINT

SENTENCE

METEOROLOGIST

DEFINITION

studies weather and uses information from Doppler radar, weather satellites, computers and other instruments to make weather maps and provide forecasts.

PICTURE

SENTENCE

ISOBARS

DEFINITION

lines drawn on a weather map that connect points having equal atmospheric pressure; also indicate the location of high-and low-pressure areas and can show wind speed.

PICTURE

SENTENCE

WEATHER

DEFINITION

state of the atmosphere at a specific time and place, determined by factors including air pressure, amount of moisture in the air, temperature, wind and precipitation.

PICTURE

SENTENCE