

Climate Change: Step 1, Part 2 - Students handout 1

FAKE NEWS AND SCIENTIFIC NEWS ABOUT CLIMATE CHANGE

Choose which of the statements of each pair is the scientific news, like in the example below.

FAKE NEWS OR SCIENTIFIC NEWS?			
Globally about 1% of coral is dying out each year	√	Corals are resilient to bleaching	
Volcanoes emit more CO2 than humans		Humans emit 100 times more CO2 than volcanoes	
500 scientist refute the consensus about climate change		97% of climate experts agree that humans are causing global warming	
The natural cycle adds and removes CO2 to keep a balance; humans add extra CO2 without removing any		Human CO2 is a tiny % of CO2 emissions	
Polar bear numbers are increasing		Polar bears are in danger of extinction along with many other species.	
There is increasing evidence that hurricanes are getting stronger due to global warming		Hurricanes are not linked to global warming	
The last decade (2010-2019) was the hottest on record		The planet has cooled down during the last decade	
Renewable energy is too expensive		All of the costs associated with burning fossil fuels (air pollution and health effects) are significantly higher than renewable energy sources	
The 20 warmest years on record all occurred in the past 22 years		The 20 warmest years on record occurred around the last 500 years	
Human CO2 emissions are the most important source of greenhouse gas emission nowadays		Humans CO2 emissions are too insignificant to affect global climate	
Most man-made emissions of CO2 come from burning fossil fuel		Most man-made emissions of CO2 come from the agriculture industry	
Since the industrial revolution began around 1750, CO2 levels have risen 10%		Since the industrial revolution began around 1750, CO2 levels have risen over 30%	
Glaciers are growing in both poles		Glaciers are retreating, and that is becoming a serious problem for millions who rely on glaciers for water	
Extreme weather events occur more frequently and are worsened by global warming		Extreme weather is not caused by global warming	
Climate change does not affect animals and plants		Vegetation and land animals are suffering from climate changes as habitats change faster than species can adapt	
CO2 presents a danger to public health and welfare		CO2 is not a pollutant	