

Air and Water

How has the Earth's atmosphere changed over time and why?

acid rain

air quality

atmosphere

carbon dioxide

carbon monoxide

chemical change

combustion

compound

earth

element

emission

energy

environment

evolution

fossil

fossil fuel

gas

nitrogen

oil

oxidation

oxygen

particle

particle model

photosynthesis

physical change

pollutant

sedimentary rock

smog

state of matter

substance

sulphur

temperature

volcano

water cycle

Food and Ecosystems

Why are there temperature changes in chemical reactions?

activation energy

atom

bond

bond energy

endothermic

energy

exothermic

fuel

oxygen

product

reactant

Food and Ecosystems

What is the evidence for climate change and why is it occurring?

atmosphere

benefit

carbon dioxide

climate change

electromagnetic

emit

evidence

fossil fuel

greenhouse effect

matter

methane

radiation

risk

Food and Ecosystems

How can scientists help improve the supply of potable water?

aeration

bacteria

chlorination

chlorine

disease

distillation

filtration

global population

litmus paper

microorganism

potable water

separation

toxic

waterborne