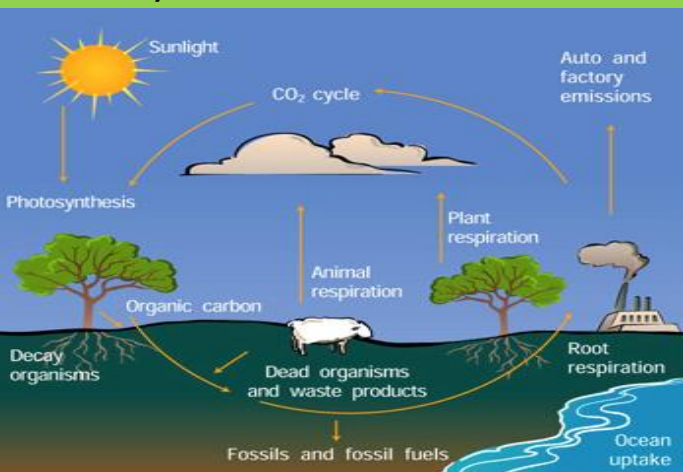


Carbon cycle



Carbon dioxide in and out of the atmosphere

Add	remove
Respiration-transfers energy from food in plants and animals.	Photosynthesis-plants use carbon dioxide and water to make glucose.
Combustion-fuels such as wood, petrol and methane produce carbon dioxide on burning.	Dissolving- found in oceans

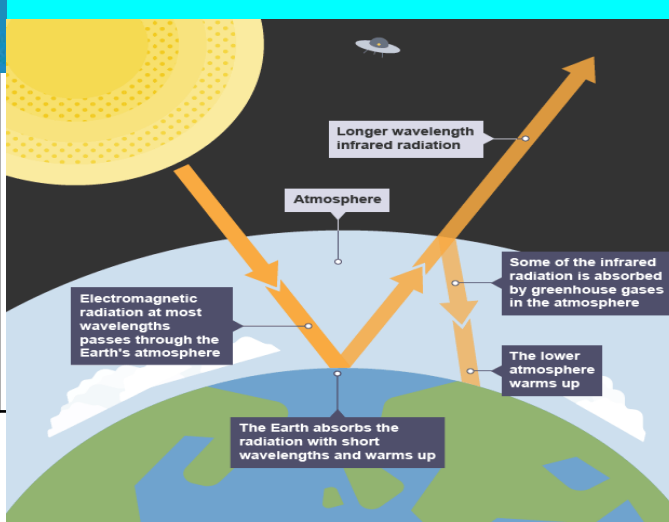
Storage of carbon dioxide

1	atmosphere
2	Igneous and sedimentary rocks
3	Fossil fuels- coal, oil and gas
4	Oceans and living organisms

Gases in the Earth's atmosphere

	Gas	% amount
1	Nitrogen	78
2	oxygen	21
3	Carbon dioxide	0.04
4	Argon	1

Greenhouse effect



Effect of humans on carbon cycle

1	Burning fossil fuels
2	deforestation
3	Population growth
4	pollution

Key Vocabulary

1	Global warming	Gradual increase in surface temperature of earth.
2	Fossil fuels	Remains of dead organisms that are burned as fuels to release carbon dioxide.
3	Carbon sink	Areas of vegetation the oceans of soil which absorb and store carbon
4	Green house effect	When energy from the sun is transferred as thermal energy store of gases in earth's atmosphere.

Effect of global warming

1	Glaciers and polar ice melting
2	Sea levels rising
3	patterns of rainfall changing, producing floods or droughts
4	Habitats changing

Greenhouse gases present in the atmosphere

1	Water vapour
2	Carbon dioxide
3	methane