



The carbon cycle

Task A: Transferring carbon dioxide out of atmosphere

- 1) Complete the equation for photosynthesis:



- 2) State two examples of organisms that photosynthesise.
- 3) State two ways carbon dioxide is moved out of the atmosphere.

Task B: Transferring carbon without a gas

- 1) Who is correct about how carbon is transferred in the carbon cycle?
2) Make changes to improve any incorrect comments.

Carbon dioxide in the oceans can end up in shells and bones.



Sofia

When animals eat plants, carbon gets broken down.



Laura

When organisms die, carbon inside them is destroyed.



Andeep

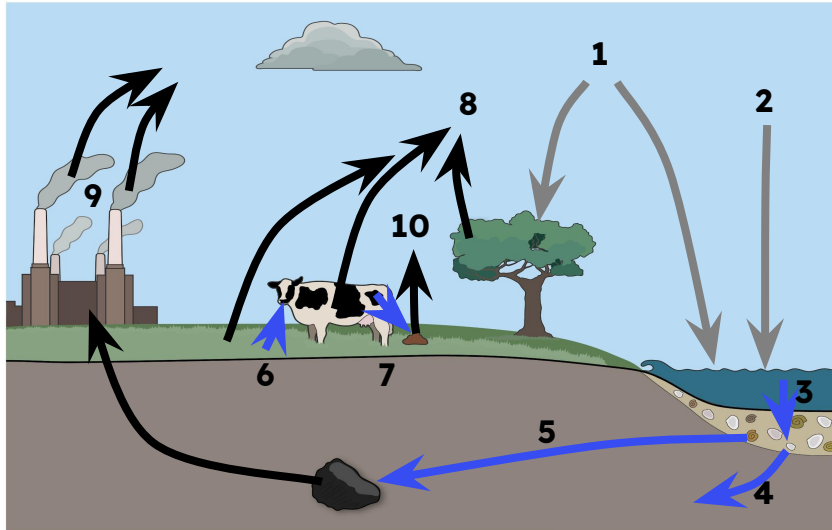
Carbon from dead sea creatures can end up in fossil fuels.



Lucas

Task C: Transferring carbon dioxide into the atmosphere

Match each process to the correct stage of the carbon cycle.



- photosynthesis
- decomposition
- animals eating
- formation of fossil fuels
- rock formation
- combustion
- organic waste
- respiration
- shell and bone formation
- dissolving gas