

Earth

3. Climate

CONCEPT 2

TEST YOURSELF

CARBON CYCLE

KNOW

- Q1 Why is decomposition an example of natural recycling?
- Q2 Why is carbon so important for living things?

APPLY

- Q3 What is the carbon cycle?
- Q4 How do producers (plants) gain carbon at the start of a food chain?
- Q5 Which processes can release carbon as carbon dioxide into the atmosphere?

EXTEND

- Q6 What is a carbon sink?
- Q7 Why should we be concerned with increasing the amount of carbon stored in carbon sinks?
- Q8 How can we increase the amount of carbon that is stored in trees?
- Q9 How can we increase the amount of carbon that is stored in the sea?
- Q10 Are there any other ways we can improve the storage of carbon?