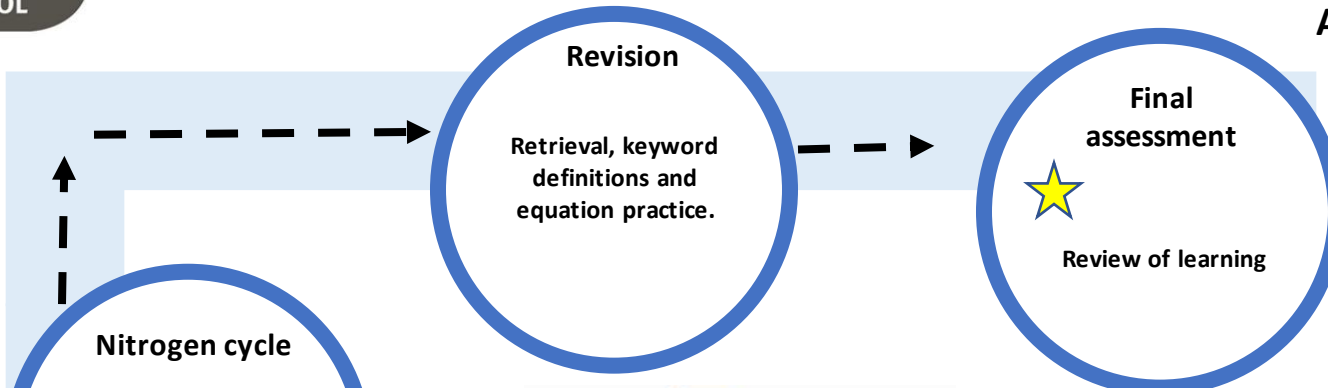




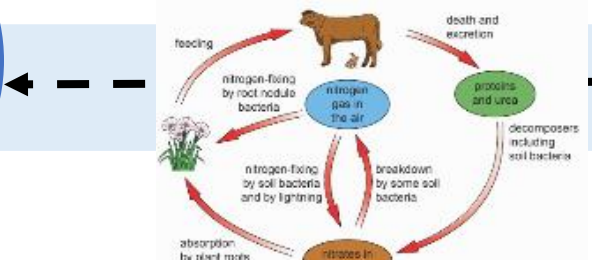
Make sure you can write definitions for these key terms.

Resources, ecosystem, community, population, interdependence, habitat, abundance, quadrat, food web, biomass, abiotic, drought, pollutants, belt transect, biotic, competition, predation, biodiversity, predator-prey cycle, pollution, eutrophication, parasite, host, mutualist, indigenous, native, reforestation, captivity, desalination, fossil fuels, decomposers, nitrates, nitrogen-fixing bacteria



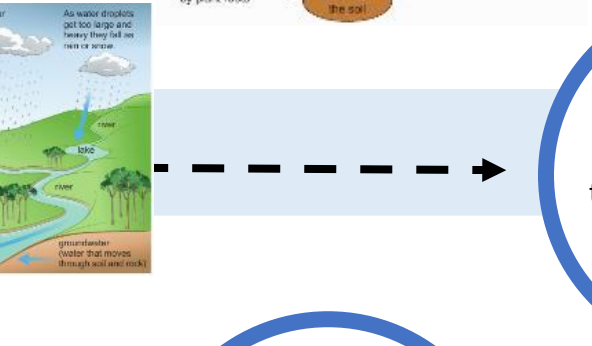
Apply:
+16 Environmental processes and interactions.
Biodiversity and human impact.

Nitrogen cycle
Plants and nitrates and the role of bacteria



Carbon cycle
How carbon cycles through an ecosystem, and the role of decomposers

Water cycle
How water cycles through ecosystems



Preserving biodiversity
How animal conservation and reforestation can affect biodiversity

Why do we need zoos?

Parasitism & mutualism
The effect of parasitism and mutualism on the survival of some organisms

Biodiversity & humans
The introduction and removal of organisms from ecosystems by humans

Who kills off their host?

Biotic factors & communities
The effect of competition and predation on communities

Abiotic factors & communities
How abiotic factors and pollution affect communities

What are the effects of drought?

How is population size worked out?

What is a predator-prey cycle?

Core practical – Quadrats and transects
Investigating the relationship between organisms and their environment

Ecosystems
Communities of organisms

Key terms

Retrieve:
B1.1 Cells
B2.2 Ecosystem processes
C2.4 Carbon cycle
SB4 Fertilisers & biological control