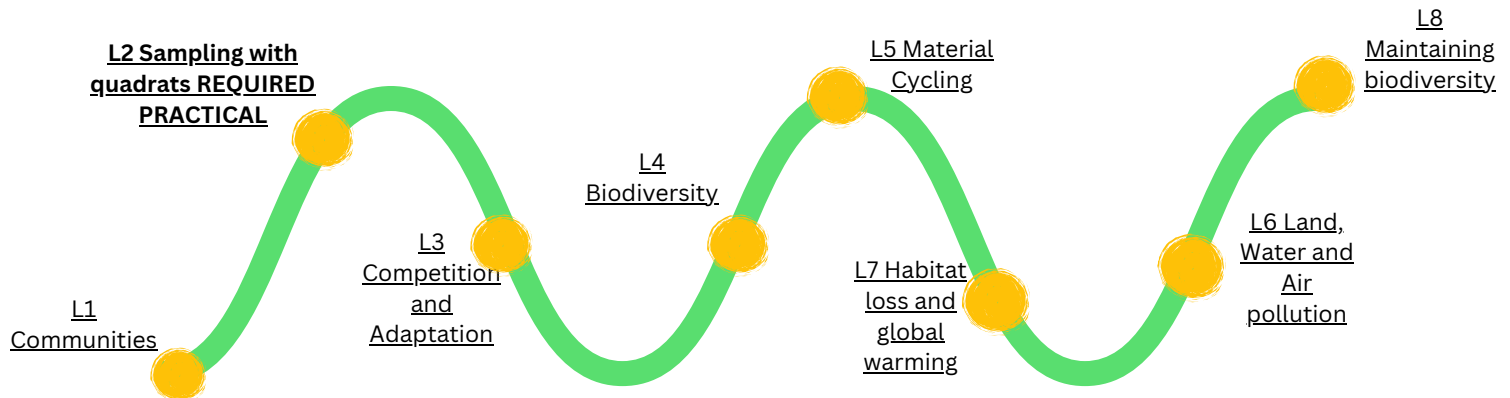


B7 Ecology COMBINED

Biology Paper 2

In this unit you will learn how organisms interact with each other and their environment in ecosystems. You will study the importance of biodiversity, the cycling of materials like carbon and water, and how human activities affect the natural world. The topic includes how populations are sampled and measured, and how adaptations help organisms survive in different habitats. Students also explore the impact of pollution, land use, deforestation, and global warming, along with strategies for maintaining biodiversity and sustainability.



Key words

- abundance
- adaptation
- community
- competition
- distribution
- extremophile
- interdependence
- mean
- median
- mode
- quadrat
- quantitative sampling
- range
- sample size
- transect
- biomass
- carbon cycle
- decomposers
- primary consumer
- producers
- secondary consumer
- acid rain
- biodiversity
- deforestation
- incident energy
- trophic level

Revision Resources

Sample exam style questions

Cognito Topic 7 Ecology

BBC Ecology

Free Science Lessons

Seneca Learning

Sampling with
quadrats
Required
Practical