

Ecosystem Dynamics

BIO11-11

3 inquiry questions • 8 dot points

1 What effect can one species have on the other species in a community?

- investigate and determine relationships between biotic and abiotic factors in an ecosystem, including:...
- explain a recent extinction event

2 How do selection pressures within an ecosystem influence evolutionary change?

- analyse palaeontological and geological evidence that can be used to provide evidence for past changes in ecosystems, including but not limited to:...
- investigate and analyse past and present technologies that have been used to determine evidence for past changes, for example:...
- analyse evidence that present-day organisms have evolved from organisms in the past by examining and interpreting a range of secondary sources to evaluate processes, claims and conclusions relating to the evolution of organisms in Australia, for example:...
- investigate the reasons for changes in past ecosystems, by:...

3 How can human activity impact on an ecosystem?

- investigate changes in past ecosystems that may inform our approach to the management of future ecosystems, including:...
- investigate practices used to restore damaged ecosystems, Country or Place, for example:...