

AS90461 Version 2
Describe concepts and processes relating to ecology
Level 2 Credits 3

This achievement standard involves describing biological concepts and processes relating to ecology.

Achievement	Achievement with Merit	Achievement with Excellence
Describe biological concepts and processes relating to ecology.	Explain biological concepts and processes relating to ecology.	Discuss biological concepts and processes relating to ecology.

Biological concepts and processes will be selected from:

- adaptations, ecological niche
- population growth, survivorship, age structure
- succession, zonation, stratification
- interrelationships, competition, exploitation
- flow of energy, nutrient cycling (C & N)
- effect of environmental change on biodiversity.

You will be expected to be familiar with the following terms:

<input type="checkbox"/> habitat	<input type="checkbox"/> age structure	<input type="checkbox"/> succession
<input type="checkbox"/> niche	<input type="checkbox"/> zonation	<input type="checkbox"/> biotic / abiotic
<input type="checkbox"/> sampling methods	<input type="checkbox"/> ecosystem	<input type="checkbox"/> adaptations
<input type="checkbox"/> community	<input type="checkbox"/> consumers	<input type="checkbox"/> tolerance
<input type="checkbox"/> interspecific	<input type="checkbox"/> competition	<input type="checkbox"/> intraspecific
<input type="checkbox"/> denitrification	<input type="checkbox"/> tropic levels	<input type="checkbox"/> nitrogen fixation
<input type="checkbox"/> population	<input type="checkbox"/> stratification	<input type="checkbox"/> environment
<input type="checkbox"/> modes of life	<input type="checkbox"/> Gause's principle	<input type="checkbox"/> limiting factors
<input type="checkbox"/> distribution	<input type="checkbox"/> predator / prey interactions	<input type="checkbox"/> survivorship
<input type="checkbox"/> commensalism	<input type="checkbox"/> parasitism	<input type="checkbox"/> exploitation
<input type="checkbox"/> antibiosis	<input type="checkbox"/> mutualism (symbiosis)	<input type="checkbox"/> food chains
<input type="checkbox"/> food webs	<input type="checkbox"/> energy flow	<input type="checkbox"/> biodiversity