

FIELD SCIENCE**Revision of *Biology* Level 1 achievement standards**

Subfield Domain	Sciences	Id	Subject reference
Biology		90163-90168	Biology 1.3-1.8
		90176-90179	Human Biology 1.4-1.7

The Ministry of Education and the Secondary Education Group Assessment business unit of NZQA have revised the achievement standards listed above that were registered in November 2003.

Date published**December 2005****Reason for the revision**

The definition of the term 'explain' in these standards was inconsistent with the definition used in AS90161 and AS90162 Biology 1.1 and 1.2, which were revised in October 2004. It was also inconsistent the definition used in Level 2 and 3 Biology achievement standards

Main changes resulting from the revision

The definition of 'explain' in Explanatory Notes (EN) has been changed from:

Explain requires the student to provide a reason as to how **and** why something occurs.

to:

Explain requires the student to provide a reason as to how **or** why something occurs.

List of achievement standards and EN changed

Id	Subject reference	EN	Achievement Standard title
90163	Biology 1.3	EN 4	Describe the transfer of genetic information
90164	Biology 1.4	EN 7	Describe ecological characteristics found in two biological communities
90165	Biology 1.5	EN 9	Describe the control of an introduced species that affects native species
90166	Biology 1.6	EN 5	Describe the functioning of human digestive and skeletomuscular systems
90167	Biology 1.7	EN 4	Describe plant processes
90168	Biology 1.8	EN 7	Describe how humans use and affected by micro-organisms
90176	Human Biology 1.4	EN 2	Describe how humans respond to pathogens
90177	Human Biology 1.5	EN 2	Describe maintenance of normal body functioning
90178	Human Biology 1.6	EN 5	Describe functioning of human circulatory, respiratory and excretory systems
90179	Human Biology 1.7	EN 2	Describe functioning of the human reproductive system

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on existing qualifications

None.

Impact of changes on [NCEA Exclusions List](#)

None.