

**Field**                    **Sciences**

## **Review of *Human Biology* Level 1 achievement standards 90176-90179**

### **Achievement standards**

<b>Domain</b>	<b>Id</b>	<b>Subject reference</b>
Biology	90176-90179	Human Biology 1.4-1.7

The Ministry of Education and NZQA National Qualifications Services (NQS) have completed a review of the achievement standards listed above.

**Date expiring versions published**    **17 December 2010**

### **Summary of review and consultation process**

In 2008 the Ministry of Education (MoE) and NZQA began to review achievement and unit standards in light of the revised New Zealand Curriculum (NZC). This Alignment of Standards (AoS) review also addressed duplication of outcomes, credit parity, fairness, consistency, and coherence. The AoS review was guided by the revised NZC itself and the Standards Review Guidelines. A copy of the NZC is available <http://nzcurriculum.tki.org.nz/Curriculum-documents/The-New-Zealand-Curriculum>.

Teacher subject associations were involved in the review, and draft achievement standards were the focus of wide consultation, especially with secondary schools and teachers. Extensive resources, including student exemplars, were also developed to support these standards, and are available on the MoE and/or the NZQA websites. National consultation was undertaken in 2009, with the results analysed by Research New Zealand. The responses were generally positive.

The review of unit and achievement standards at level 1 was completed in time for implementation in schools in 2011. Standards at levels 2 and 3 will be implemented in 2012 and 2013 respectively.

### **Main changes resulting from the review**

All four *human biology* achievement standards are to expire as the outcomes these standards describe are not derived from the NZC level 6. The MoE is satisfied that it has developed achievement standards for all key outcomes from the NZC level 6, and although national consultation in June 2009 found some support for lower level *human biology* standards it was insufficient to justify retaining these externally assessed standards.

A copy of the report for reviewed level 1 *science* achievement standards is available at <http://www.nzqa.govt.nz/nqfdocs/summaries/2010/nov10/revsumnov10-11.html>. It can be used to inform the development of a *human biology* course at curriculum level 6.

### **Review Categories and changes to classification, title, level, and credits**

The following summary shows the changes made to the standards as a result of the review. All changes are in **bold**.

<b>Key to review category</b>	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	Standard will expire and not be replaced

<b>Externally assessed achievement standards categorised as category D expire at the end of</b>	<b>December 2010</b>
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Sciences > Science > Biology

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
90176	Describe how humans respond to pathogens	1	2	D
90177	Describe maintenance of normal body functioning	1	2	D
90178	Describe functioning of human circulatory, respiratory and excretory systems	1	6	D
90179	Describe functioning of the human reproductive system	1	3	D