

**Field Sciences****Review of Science unit standards**

Subfield	Domain	ID
Science	Biology	6314, 6315
	Chemistry	6345, 6347, 8949

NZQA National Qualifications Services has completed the review of the unit standards listed above.

**Date new versions published**

**September 2012**

**Planned review date**

**December 2017**

**Summary**

Ministry of Education, in association with NZQA, is aligning achievement standards from the Science learning area in the New Zealand Curriculum (NZC). The project recommended that all Level 3 unit standards be expired as the aligned achievement standards cover science outcomes from the NZC.

Feedback from the tertiary sector indicates that the unit standards included in this review need to be retained as they are required for qualifications. These standards have been reviewed so they are fit for purpose, national in scope, and technically correct.

**Main changes**

- Standards have had range statements clarified to clearly indicate evidence required.
- Standards 6314, 6315, and 6345 had titles changed to better reflect the outcomes.
- Legislation and health and safety notes have been updated so that they are fit for purpose and technically correct.

**Detailed list of unit standards – classification, title, level, and credits**

All changes are in **bold**.

Key to review category	
<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

## Sciences &gt; Science &gt; Biology

ID	Title	Level	Credit	Review Category
6314	Complete an investigation into the ecological niche of a plant with guidance <b>Complete an investigation into the ecological niche of a plant species, with guidance</b>	3	4	B

ID	Title	Level	Credit	Review Category
6315	Complete an investigation into the ecological niche of an animal with guidance <b>Complete an investigation into the ecological niche of an animal species, with guidance</b>	3	4	B

## Sciences &gt; Science &gt; Chemistry

ID	Title	Level	Credit	Review Category
6345	Analyse spontaneous oxidation - reduction reactions <b>Analyse oxidation - reduction reactions</b>	3	4	B
6347	Describe applications of surface chemistry	3	2	B
8949	Characterise the composition of acid and base solutions	3	4	B