

## Achievement Standard

<b>Subject Reference</b>	Biology 1.5		
<b>Title</b>	Demonstrate understanding of biological ideas relating to a mammal(s) as a consumer(s)		
<b>Level</b>	1	<b>Credits</b>	3
		<b>Assessment</b>	External
<b>Subfield</b>	Science		
<b>Domain</b>	Biology		
<b>Status</b>	Registered	<b>Status date</b>	30 November 2012
<b>Planned review date</b>	31 December 2016	<b>Date version published</b>	12 December 2013

This achievement standard involves demonstrating understanding of biological ideas relating to a mammal(s) as a consumer(s).

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> <li>Demonstrate understanding of biological ideas relating to a mammal(s) as a consumer(s).</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate in-depth understanding of biological ideas relating to a mammal(s) as a consumer(s).</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate comprehensive understanding of biological ideas relating to a mammal(s) as a consumer(s).</li> </ul>

### Explanatory Notes

- This achievement standard is derived from *The New Zealand Curriculum*, Learning Media, Ministry of Education, 2007, Level 6. It is aligned with the Life Processes achievement objective in the Living World strand, and is related to the material in the *Teaching and Learning Guide for Biology*, Ministry of Education, 2010 at <http://seniorsecondary.tki.org.nz>.

This standard is also derived from Te Marautanga o Aotearoa. For details of Te Marautanga o Aotearoa achievement objectives to which this standard relates, see the [Papa Whakaako](#).

- Demonstrate understanding* involves defining, using annotated diagrams, and giving characteristics of, or an account of, a mammal(s) as a consumer(s).
- Demonstrate in-depth understanding* involves explaining the life processes and biological ideas relating to a mammal(s) as a consumer(s).

- 4 *Demonstrate comprehensive understanding* involves linking biological ideas relating to a mammal(s) as a consumer(s). It may involve elaborating, applying, justifying, relating, evaluating, comparing and contrasting, or analysing.
- 5 The *biological ideas* relating to a mammal(s) as a consumer(s) will be selected from:
- related life processes
  - structural components involved with the life processes
  - the functioning of the structural components
  - the overall function of the life processes.
- 6 Life processes related to a mammal(s) as a consumer(s) will be selected from:
- processing food (physical and chemical digestion, absorption, assimilation, egestion)
  - transport of products of digestion within the body (circulation)
  - use of food at the cell level (respiration).
- 7 Assessment Specifications for this achievement standard can be accessed through the Biology Resources page found at [www.nzqa.govt.nz/ncea/resources](http://www.nzqa.govt.nz/ncea/resources).
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### Quality Assurance

- 1 Providers and Industry Training Organisations must have been granted consent to assess by NZQA before they can register credits from assessment against achievement standards.
- 2 Organisations with consent to assess and Industry Training Organisations assessing against achievement standards must engage with the moderation system that applies to those achievement standards.

Consent and Moderation Requirements (CMR) reference

0233