

Achievement Standard

Subject Reference Biology 2.7

Title Describe diversity in the structure and function of plants

Level 2 **Credits** 3 **Assessment** External

Subfield Science

Domain Biology

Status Expiring **Status date** 17 November 2011

This achievement standard is expiring. Assessment against the standard must take place before the expiry date set out below.

Expiry date 31 December 2011 **Date version published** 17 November 2011

This achievement standard involves describing diversity in aspects of the structure and function of multi-cellular plants in relation to a biological process.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> Describe diversity in the structure and function of plants in relation to a biological process. 	<ul style="list-style-type: none"> Explain diversity in the structure and function of plants in relation to a biological process. 	<ul style="list-style-type: none"> Discuss diversity in the structure and function of plants in relation to a biological process.

Explanatory Notes

- This achievement standard is derived from *Biology in the New Zealand Curriculum*, Learning Media, Ministry of Education, 1994, pp. 20-26, achievement objective 7.1(b).
- Students are expected to demonstrate understanding of *diversity in structure and function* over three taxonomic or functional groups of multi-cellular plants.
- A *biological process* will be one of:
 - nutrition
 - transport of materials
 - transpiration
 - reproduction.

4 Terms:

- *Describe* requires the student to define, name, draw annotated diagrams, give characteristics of, or an account of.
 - *Explain* requires the student to provide a reason as to how or why something occurs.
 - *Discuss* requires the student to show understanding by linking several biological ideas in relation to the plant groups. It may involve justifying, relating, evaluating, comparing and contrasting, or analysing.
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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

0226