

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

Registration date 26 November 2004 **Date version published** 26 November 2004

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

- 1 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).
- 2 Students are expected to demonstrate understanding of *diversity in structure and function* over three taxonomic or functional groups of multi-cellular plants.
- 3 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 be accredited by the Qualifications Authority before they can register credits from assessment against achievement standards.
- 2 Accredited providers and Industry Training Organisations assessing against achievement standards must engage with the moderation system that applies to those achievement standards.

Accreditation and Moderation Action Plan (AMAP) reference

0226