

Achievement Standard

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|----------------------------|--|-------------------------------|-----------------|
| Subject Reference | Construction and Mechanical Technologies 1.21 | | |
| Title | Implement basic procedures using textile materials to make a specified product | | |
| Level | 1 | Credits | 6 |
| | | Assessment | Internal |
| Subfield | Technology | | |
| Domain | Construction and Mechanical Technologies | | |
| Status | Registered | Status date | 20 January 2011 |
| Planned review date | 31 December 2014 | Date version published | 20 January 2011 |

This achievement standard requires the student to implement basic procedures using textile materials to make a specified textile product.

Achievement Criteria

| Achievement | Achievement with Merit | Achievement with Excellence |
|---|---|---|
| <ul style="list-style-type: none"> Implement basic procedures using textile materials to make a specified product. | <ul style="list-style-type: none"> Skilfully implement basic procedures using textile materials to make a specified product. | <ul style="list-style-type: none"> Efficiently implement basic procedures using textile materials to make a specified product. |

Explanatory Notes

- This standard is derived from the Level 6 achievement objectives from the Technology learning area in *The New Zealand Curriculum*, Learning Media, Ministry of Education, 2007, and is related to the material in the *Teaching and Learning Guide for Technology*, Ministry of Education, 2010 at <http://seniorsecondary.tki.org.nz>.

Appropriate reference information is available in *Safety and Technology Education: A Guidance Manual for New Zealand Schools*, Learning Media, Ministry of Education, 1998; and The Health and Safety in Employment Act 1992.

Further information can be found at <http://www.techlink.org.nz>.

- 2 *Implement basic procedures using textile materials to make a specified product* involves:
- following a set of techniques to make a product that meets specifications
 - undertaking a range of appropriate tests to demonstrate the final product meets specifications
 - applying techniques that comply with relevant health and safety regulations.
- Skilfully implement basic procedures using textile materials to make a specified product* involves:
- showing independence and accuracy in the execution of the techniques and tests.
- Efficiently implement basic procedures using textile materials to make a specified product* involves:
- undertaking techniques and tests in a manner that economises time, effort and materials.
- 3 *Specified product* refers to a product and its relevant specifications, including material specifications. The specifications must be of sufficient rigour to allow the student to meet the standard. The specifications, material/s and techniques to be used and a step-by-step guide need to be determined prior to the product being made. They may be teacher-given or developed in negotiation with the student.
- 4 *Basic procedures* are those that require the student to perform a sequence of techniques, as instructed, to make a product.
- 5 *Textile materials* in this achievement standard may include but are not limited to – natural and synthetic fibres, yarns and fabrics.
- 6 Construction techniques include:
- one or more of measuring/marketing out
 - one or more of sizing/shaping/forming
 - one or more of joining/assembling
 - one or more finishing/detailing.
- 7 Tests may include but are not limited to – measurement of tolerances, performance testing, fitting, visual checks.
- 8 Conditions of Assessment related to this achievement standard can be found at <http://www.tki.org.nz/e/community/ncea/conditions-assessment.php>.
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Replacement Information

This achievement standard replaced unit standard 6678 and unit standard 6679.

This achievement standard and AS91060 replaced unit standard 6680.

Quality Assurance

- 1 Providers and Industry Training Organisations must be accredited by NZQA 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

0233