

## Achievement Standard

<b>Subject Reference</b>	Construction and Mechanical Technologies 1.23		
<b>Title</b>	Demonstrate understanding of basic concepts used to make products from textile materials		
<b>Level</b>	1	<b>Credits</b>	4
		<b>Assessment</b>	Internal
<b>Subfield</b>	Technology		
<b>Domain</b>	Construction and Mechanical Technologies		
<b>Status</b>	Registered	<b>Status date</b>	20 January 2011
<b>Planned review date</b>	31 December 2018	<b>Date version published</b>	20 November 2014

This achievement standard requires demonstrating an understanding of basic concepts used to make products from textile materials.

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> <li>Demonstrate understanding of basic concepts used to make products from textile materials.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate in-depth understanding of basic concepts used to make products from textile materials.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate comprehensive understanding of basic concepts used to make products from textile materials.</li> </ul>

### Explanatory Notes

- 1 This achievement standard is derived from Level 6 of 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 at <http://seniorsecondary.tki.org.nz>.

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

Appropriate reference information is available in *Safety and Technology Education: A Guidance Manual for New Zealand Schools*, Ministry of Education at <http://technology.tki.org.nz/Curriculum-support/Safety-and-Technology-Education>, and the Health and Safety in Employment Act 1992.

- 2 *Demonstrate understanding of basic concepts used to make products from textile materials* involves:
- describing characteristics of textile materials
  - explaining techniques used
  - describing which combinations of techniques and textile materials would be suitable for a situation.

*Demonstrate in-depth understanding of basic concepts used to make products from textile materials* involves:

- explaining how the characteristics of textile materials influence technique selection
- explaining which combinations of techniques and textile materials would be suitable for a situation.

*Demonstrate comprehensive understanding of basic concepts used to make products from textile materials* involves:

- discussing why textile materials require particular techniques for their handling and use
- discussing why techniques and textile materials are combined in different ways across two or more situations.

- 3 Techniques include:

- one or more of measuring or marking out
- one or more of sizing, shaping, or forming
- one or more of joining or assembling
- one or more of finishing or detailing.

- 4 *Textile materials* in this achievement standard may include but are not limited to – natural and synthetic fibres, yarns and fabrics.

- 5 *Characteristics of textile materials* may include but are not limited to – strength, thickness, stretch, drape.

- 6 Conditions of Assessment related to this achievement standard can be found at <http://ncea.tki.org.nz/Resources-for-Internally-Assessed-Achievement-Standards>.

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### Replacement Information

This achievement standard and AS91061 replaced unit standard 7545, unit standard 7548 and unit standard 7550.

This achievement standard and AS91058 replaced unit standard 6680.

**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