

## Achievement Standard

<b>Subject Reference</b>	Construction and Mechanical Technologies 2.23		
<b>Title</b>	Demonstrate understanding of advanced concepts used to make textile products		
<b>Level</b>	2	<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>	17 November 2011
<b>Planned review date</b>	31 December 2014	<b>Date version published</b>	17 November 2011

This achievement standard requires demonstrating understanding of advanced concepts used to make textile products.

### Achievement Criteria

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

### Explanatory Notes

- This achievement standard is derived from the Level 7 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 *Demonstrate understanding of advanced concepts used to make textile products* involves:

- explaining how and why special features are used in textile products
- explaining how special features are constructed in a textile material
- explaining the requirements of quality finish of special features

*Demonstrate in-depth understanding of advanced concepts used to make textile products* involves:

- explaining how the construction of special features changes when using different types of textile materials.

*Demonstrate comprehensive understanding of advanced concepts used to make textile products* involves:

- discussing why particular materials and construction techniques are used to create high-quality special features in textile products.

3 *Advanced concepts* used when making textile products include:

- knowledge of how and why techniques are brought together to achieve special features.

4 Special features are those that rely on the application of advanced skills. These include but are not limited to: style features, such as set in sleeve, fly front, tailored collars and cuffs, welt pockets and/or decorative features such as pin tucking, embroidery, and shirring and/or structural features such as 3D felting and combining different fibres in felting and different materials eg nuno felting.

5 *Textile materials* may include but are not limited to: natural and synthetic fibres, yarns, knits and woven fabrics.

6 Conditions of Assessment related to this achievement standard can be found at [www.tki.org.nz/e/community/ncea/conditions-assessment.php](http://www.tki.org.nz/e/community/ncea/conditions-assessment.php).

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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