

<b>Title</b>	<b>Employ tukutuku techniques to create toi whakairo</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to: process and prepare tukutuku materials; size tukutuku materials and select tools; maintain tools; produce tools and equipment for tukutuku construction; and employ stitch techniques in tukutuku pattern construction.
----------------	--

<b>Classification</b>	Whakairo > Toi Whakairo
-----------------------	-------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 Tikanga and kawa related to the content of the Whakairo subfield refer to specific interpretations and understandings of whakapapa, te reo, symbolism, concepts and representation within a Whakairo context. They are distinctive from those within the broader context of Te Ao Māori.
- 2 Glossary  
*Quality* – the quality of intrinsic or essential nature of the entity concerned;  
*Project needs* – the specifications and conditions provided in a given brief endorsed by the accredited deliverer of this unit standard;  
*Tukutuku* is also known as Arapaki and/or Pūkiore within different tribal areas.

---

### Outcomes and performance criteria

#### Outcome 1

Process materials for tukutuku art.

Range may include but is not limited to – pīngao, kākaho, kiekie.

#### Performance criteria

1.1 Material is cleaned in a manner eliminating extraneous matter.

Range may include but is not limited to – washed, scraped, scrubbed, soaked.

1.2 Material is dried until dry to the touch.

1.3 Fibre is graded according to quality for tukutuku use.

Range may include but is not limited to – broken, infected, discoloured.

## Outcome 2

Prepare tukutuku materials for use.

Range may include but is not limited to – pīngao, kākaho, kiekie.

### Performance criteria

2.1 Fibre is dampened in a manner ensuring pliability and preventing splitting.

2.2 Fibre is coloured in a manner ensuring consistency and colour permanence.

Range may include but is not limited to – smoking, dyeing.

2.3 Material is dressed in a manner ensuring uniform surfaces.

Range may include but is not limited to – planed, sanded.

## Outcome 3

Size tukutuku materials and select tools for project needs.

### Performance criteria

3.1 Material is sized according to project needs.

Range traditional and/or contemporary.

3.2 Tools are chosen according to construction requirements of tukutuku and expediency factors according to project needs.

Range tools may include but are not limited to – owned, borrowed, home built;  
projects may include but are not limited to – long and short term production; individual and group production.

## Outcome 4

Maintain tools for tukutuku project.

### Performance criteria

4.1 Tukutuku tools are sharpened to maintain the sharp cutting edge of blades.

4.2 Tools for producing tukutuku are organised to prevent damage.

Range non-operational and/or operational layout.

**Outcome 5**

Produce tools and equipment for tukutuku construction.

**Performance criteria**

- 5.1 Frame is constructed according to project brief, and in a manner ensuring tukutuku cannot collapse.
- 5.2 Tools are made, according to project brief, in a manner ensuring that they will have pliability.
- Range may include but is not limited to – comb, scraper.

**Outcome 6**

Employ stitch techniques in tukutuku pattern construction.

Range may include but is not limited to – waewae pākura and/or takitoru, roimata toroa, pātiki, kaokao, aramoana, niho taniwha, waharua, poutama, tūmatakahuki.

**Performance criteria**

- 6.1 Single layer tukutuku is produced using single lash in a manner ensuring pattern concurs with traditional Māori models.
- Range pegboard and/or hardboard.
- 6.2 Multi-layer tukutuku is produced using single stitch in a manner preventing lattice collapse and ensuring pattern concurs with traditional Māori models.
- Range kakaho and/or dowels.
- 6.3 Tukutuku is produced using multiple stitch binding in a manner preventing lattice collapse and ensuring pattern concurs with traditional Māori models.
- Range kakaho and/or dowels.
- 6.4 Tukutuku is produced using stitch additions in a manner enabling addition of materials and ensuring pattern concurs with traditional Māori models.
- Range stitches include but are not limited to – knotted, plaited, lashing; materials – feathers, thread, synthetics.

<b>Planned review date</b>	31 December 2026
----------------------------	------------------

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	5 December 1995	31 December 2019
Revision	2	6 April 1998	31 December 2019
Revision	3	19 April 2000	31 December 2019
Revision	4	18 September 2001	31 December 2019
Review	5	19 December 2003	31 December 2019
Review	6	12 December 2008	31 December 2019
Revision	7	21 May 2010	31 December 2019
Rollover	8	21 February 2013	31 December 2019
Revision	9	19 November 2015	31 December 2023
Review	10	15 September 2016	31 December 2023
Review	11	24 March 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0082
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact NZQA Māori Qualifications Services [mqs@nzqa.govt.nz](mailto:mqs@nzqa.govt.nz) if you wish to suggest changes to the content of this unit standard.