



## Tukutuku Patterns



**WALT** Find and apply rules for sequential patterns

**Success Criteria** I know ..

- How patterns progress
- I am able to count sticks used for each progression
- I know the Maori words for different patterns

### Activity

The wharenui on a marae is named after an important ancestor of the tangata whenua. Carvings and designs tell the story of that ancestor.

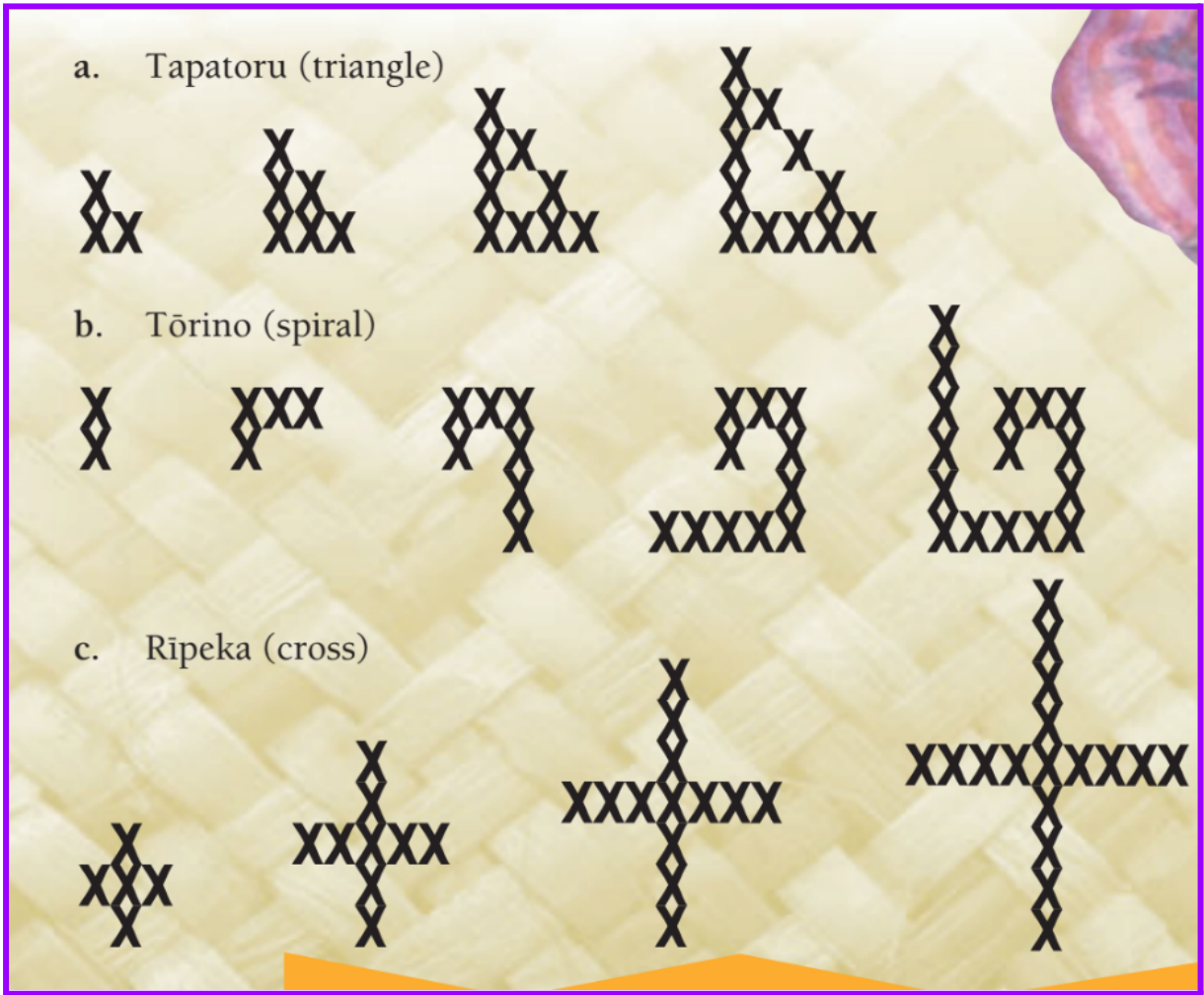
Tukutuku can be made of flax strips that are stitched or woven through holes in wooden panels.

1. The pattern below is known as poutama (the stairway to heaven):



- Find some quick ways to count the number of crosses in each step.
- Draw the next step in the pattern.
- How many crosses would the 10-step stairway have?

[Use this paper to draw patterns](#)



Create a pattern progression for Tapatoru ( Triangle)

Pattern no	1step	2 steps	3 steps	4 steps	5 steps
No of flax sticks					

Create a pattern for Torino ( Spiral)

Pattern no	1step	2 steps	3 steps	4 steps	5 steps
No of flax sticks					

Create a pattern for Ripeka ( Cross)

Pattern no	1step	2 steps	3 steps	4 steps	5 steps
No of flax sticks					

