

Te Anga a Whetū-Whetū's Frame

Approach: Independent

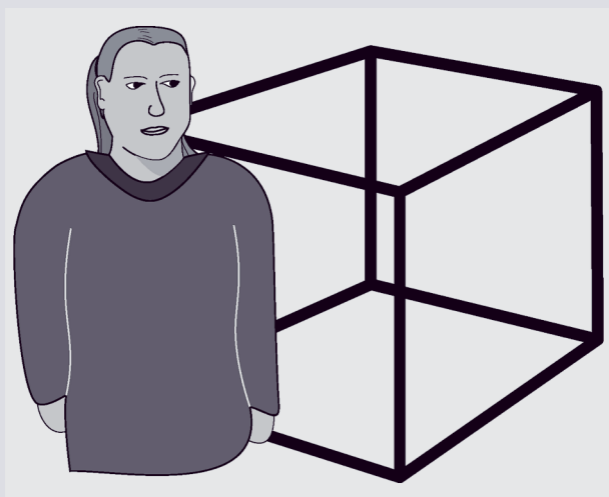
Focus: Edges and corners of 3D object.

Resources: None.

Questions/instructions:

Whetū wants to make a cube shaped frame. She will make it with plastic piping. Each edge will be 1 metre long.

Kei te hiahia a Whetū ki te hanga i tētahi anga pēnei i te mataono rite te āhua. Ka hangaia e ia mā te ngongo kirihou [plastic piping]. Kotahi mita te roa o ia tapa.



		% responses	
		GEd	MI
1.	How much pipe does she need?		
	Me pēhea te roa o te ngongo kirihou ka hiahiatia e ia?		
	12 metres	18	13
	12	43	2
2.	What is the smallest number of corners she needs to use to make the frame?		
	E hia kē te itinga rawa o ngā kokonga, kia oti ai tana anga?		
	8	61	6

Commentary

Māori students in general education (GEd) settings scored statistically significantly higher than students in Māori immersion (MI) settings. In Māori, question 2 involved complex language that may well have confused the students in Māori immersion (MI) settings.