

Trend Task:

Kōwhaiwhai Pattern

Approach: Station

Year: 4 & 8

Focus: Assessing symmetry

Resources: 4 pattern pieces, glue stick, ruler, red pencil



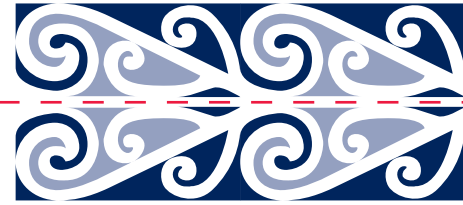
Questions / instructions:



The letter A has a dotted line through it called a line of symmetry.

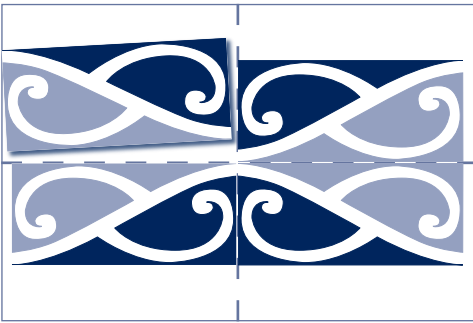
One side is exactly the same as the other.

1. Rule one line of symmetry on this pattern:



only one line of symmetry drawn
(horizontally)

2. Put four pieces of pattern together so that they fit with the two lines of symmetry. Glue them here.



Pattern put together:

4 pieces, with the two lines
of symmetry

39 (47) 61 (69)

4 pieces, with one line of
symmetry only

26 (28) 21 (20)

any other response

35 (25) 18 (11)

Total score:

3 24 (33) 45 (56)

2 30 (33) 29 (25)

1 29 (23) 17 (16)

0 17 (11) 8 (3)

% response
2005 ('01)
year 4 year 8

Commentary:

Students showed modest success in this task, with moderate growth evident between year 4 and year 8. Students did not perform as well as in 2001 but the difference was small.