

Task: Ocean Journey

Approach: One to one

Year: 4 & 8

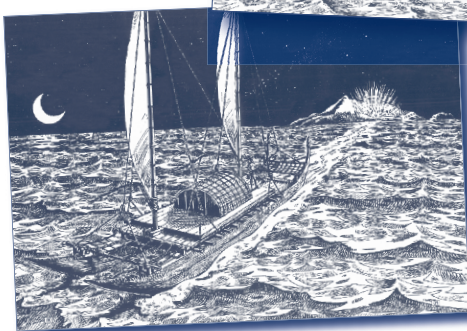
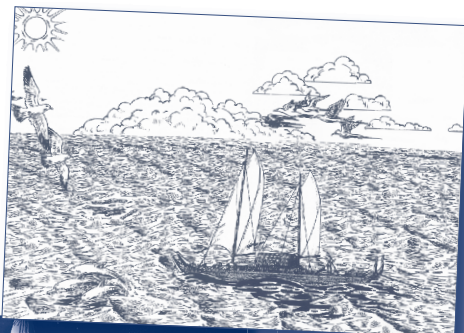
Focus: Navigation methods

Resources: 2 pictures



Questions / instructions:

Show student the pictures.



Ancestors of the Māori travelled to this land in waka (or canoes). Have a careful look at the pictures. They show a waka on its way to this land. The pictures also show the signs these people used to help them find their way.

1. How could knowing about the sun help them to find their way?

show direction because sun rises in East, sets in West
shows the direction/way to go

% responses
y4 y8

5 23
34 49

2. Is there anything else you can see in the pictures that would help them to find their way?

stars
moon
visible land
clouds often associated with land
other signs of nearing land (land-based birds, flotsam, logs, seeds, other debris)
prevailing wind patterns
ocean current patterns
pathways of migrating birds

21 54
25 37
13 22
8 13
47 69
10 12
21 25
12 24

Total score: 6-10 2 10
4-5 14 39
2-3 42 42
0-1 42 9

Commentary:

About one third more year 8 than year 4 students scored four or more.