

Navigation

This resource is made up of -

Resource	Duration / Delivery	Curriculum areas	Content
Teachers introductory lesson	30 minutes Whole class	Geography History	Explore the concept of navigating an ocean. Focus is not on Cabot or Columbus but on Polynesian in the Pacific Ocean
Where is the Pacific Ocean and how big is it?	15 minutes Individual or pairs	Maths History Geography	Consider the size and nature of the pacific and the importance of navigators Accompanies the introductory lesson
Migratory Birds and Whales	20 minutes Individual or pairs	Natural world Geography	Navigation using birds
Stars	150 minutes Individual or pairs	Geography History	Polynesian Celestial Navigation Drawing by measuring and Plotting
Make your own sextant	120 minutes Pairs	Geography Science Design Technology	Quick build sextant using readily available resources. Measuring challenges
Latitudes	40 minutes Individual or pairs	Geography Science	Understanding of the poles, lines of latitude and the equator
Polynesian Maps	20 Minutes	Geography	Deciphering a map and using a key to label it. Understanding maps as forms of representation

Aims

- To celebrate Polynesian/Maori Navigators with a view to changing perceptions about Europeans being the only explorers of the oceans
- To understand scientific principles used by early navigators, including navigating by planets and stars (celestial navigation)
- To understand lines of latitude
- To understand measuring, plotting to draw or map