

CURRICULUM AREA: Mathematics

TARGET YEAR LEVEL/S: Years 5 – 7

CLASS TIME: 60 minutes

LESSON BACKGROUND

Mapping skills are an important aspect of every adventurer's itinerary. In this lesson, students will become acquainted with mapping skills through the use of a Map of Victoria island.

OUTCOMES

- Understands a map or plan as a 'bird's-eye view' and uses order, proximity and directional language associated with quarter and half turns on maps and in descriptions of locations and paths.

PREPARATION

- Prior knowledge of SCALE
- [Scale Map of Victoria Island](#)
- Fine string.

STUDENT ACTIVITY

In this lesson, a number of aspects CAN be covered. First of all, ask students to draw a 2cm grid over the map to make easier reference.

Navigating the Journey

- 1) As C&C travel on their set route, follow them on Google, and let students know of their position at regular intervals (e.g. once a week)
- 2) At each interval, students must plot their whereabouts, noting the date, number of days into the journey, and latitude and longitude. By the end of the journey, they will have a map of their journey from East to West.

Measuring Victoria Island

- 1) Using the scale of the map, have students measure the circumference of the island using fine string.
- 2) As C&C travel, students can add 'Distance traveled' to their list of details at each interval once they become proficient at using scale to measure distance on a map.

EXTENSION

- Students can use the information they've gathered at each interval for many other data references, such as speed of travel.



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