

Life of a Scientist

Curriculum Level: 2

Teacher Guidance Notes

Achievement Aim: Understanding about science.

- Appreciate that scientists ask questions about our world and that open-mindedness is important because there may be more than one explanation.

Key Competency: Managing Self

Time Allowance: 1 hour

Outline: Scientists come to live and work on Rangatira Island for weeks at a time. The scientists rely on all their provisions being delivered by boat. The island has no cell phone coverage or mains electricity. The scientists are studying the unique bird life on the island, in particular the population of Black Robins on the island. The worksheet asks students to consider what equipment the scientists need for their work and why they need it.

	Activity	Resources
Introduction	Show students the pictures on the PowerPoint. Spend time explaining each picture using the PowerPoint information sheet for guidance. Discuss the problems of living and working on an isolated island where there is no cell phone coverage or mains electricity. Find out why the students think the scientists go to the island. What could they be studying? What supplies would they need to take with them?	PowerPoint - <i>Life of a Scientist</i> PowerPoint information sheet - <i>Life of a Scientist</i>
Main Activity	Students use the information that they have discussed in the introduction to complete the worksheet.	Worksheet - <i>Life of a Scientist</i>
Plenary	Divide the class into groups of 4. Students are given a set of cards with instructions for the scientists. Ask students to place the cards in the order they think is correct. Ask each group to explain why they put the things in that particular order. There are multiple answers to this activity!	Instruction cards

Extension Material:

- Ask students to write an account of a day in the life of a scientist on Rangatira Island or a description of the trip to Rangatira Island.