

Survivor Aotearoa

Teacher Guidance Notes

Curriculum Level: 8

Achievement Aim: Ecology

- Investigate the effect of predation level on nesting behaviour of Bellbirds.

Key Competencies: Relating to Others, Participating and Contributing

Time Allowance: 40 minutes

Outline: Activity based on a study investigating the effect of predation level on nesting behaviour of Bellbirds. To initiate discussion and interpret results of this study.

Suggested Lesson Plan:

	Activity	Resources
Introduction	Show students the PowerPoint. (Teacher should be familiar with the short essay "Do native Bellbirds have a hidden immunity against exotic predators?" by Melanie Massaro .)	PowerPoint – Survivor Aotearoa. Short Essay by Melanie Massaro
Main Activity	Show the PowerPoint up until slide 20. ("Discussion – Look at the graphs and answer the questions") Hand out Survivor worksheets. Students can work in groups and try and answer the questions. After about 10 minutes hand each group a copy of the Short Essay. Allow students to change or add to their answers. Show the rest of the PowerPoint and discuss answers with students	Survivor worksheet PowerPoint – Survivor Aotearoa.
Plenary	Discuss how a change in the environment led to a behavioural adaptation. Link this to ideas of natural selection and evolution.	

Extension Activities

- Think of other possible investigations that could be done to help the long-term survival of native NZ birds.