# Stage 2 and 3 Incursion

## Cicadas in schools

### Outcomes

ST2-1WS-S

A studentquestions, plans and conducts scientific investigations, collects and summarises data and communicates using scientific representations

ST2-4LW-S

A student compares features and characteristics of living and non-living things

ST2-2DP-T

A student selects and uses materials, tools and equipment to develop solutions for a need or opportunity

ST3-1WS-S

A student plans and conducts scientific investigations to answer testable questions, and collects and summarises data to communicate conclusions

ST3-4LW-S

A student examines how the environment affects the growth, survival and adaptation of living things

ST3-2DP-T

A student selects and uses materials, tools and equipment to develop solutions for a need or opportunity

GE2-4

A student acquires and communicates geographical information using geographical tools for inquiry

GE3-4

A student acquires, processes and communicates geographical information using geographical tools for inquiry

### Inquiry questions

How can we group living things?

How do the structural and behavioural features of living things support survival?

What are the similarities and differences between the life cycles of living things?

Describe how changing weather conditions in the environment affect the growth and survival of living things, for example weather conditions affecting cicada emergence.

### Incursion description

There are three incursion lessons. Lessons 1 and 3 can be delivered by the classroom teacher and take approximately 1 hour. All learning materials are provided.

Lesson 2 is delivered by teaching staff from Longneck Lagoon EEC and runs for approximately 1 hour and 30 minutes. All learning materials are provided.

**Lesson 1 activities**

Learn about the lifecycle, body parts, distribution and calls of Australian cicadas.

**Lesson 2 activities**

Review previous lesson content, wall of sound activity, fieldwork: locating cicada shells, live cicadas – taking photos, recording cicada song, marking sightings on map, upload sighting and recording to citizen science app.

**Lesson 3 activities**

Review previous lesson content, rotate through a range of tasks – use story scaffold to describe life cycle, design an informational poster, use tally sheets to record numbers and sex of cicada shells, scientific drawing labelling body parts.