



Overview – Good to Grow: Year 2



Curriculum Intent

Science

- Living things grow, change and have offspring similar to themselves.
- Participate in guided investigations to explore and answer questions

Overview

‘Good to Grow’ is a whole day programme that helps students develop an understanding of how living things grow, change and have offspring similar to themselves. On the day of their excursion, students meet ‘Insecta the Entomologist’ who has discovered a ‘new’ insect species. Students take on the role of ‘Entomologist’s in Training’ to discover more about the life cycle of Insecta’s insect.

Students then share their prior knowledge and work as a small group to construct the life cycle of a terrestrial or aquatic insect found at Columboola.

Students then investigate Columboola by searching for and collecting insects. They will also identify a range of common aquatic animals in a water sample from a local waterway.

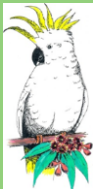
Using a large digital microscope, students view and discuss the life cycle stages of both the aquatic and terrestrial animals they have collected.

Life cycles, through reading “The Masked Hunter”, are further explored with students in small groups then modelling the life cycle stages of a dragonfly.

Insecta returns at the end of the day so students can share their learning about how living things can grow, change and have offspring similar to themselves.

Good to Grow has been assessed as medium risk. A Curriculum Activity Risk Assessment is available on request.





Timetable

Good to Grow: Year 2

Learning Goals

- Identify and record life cycle stages of a variety of terrestrial and aquatic animals

9.30-9.45 (15 min)	Orientation to Columboola EEC-facilities and staff
9.45-9.55 (10 min)	Meet Dr Insecta: Dr Insecta, an entomologist, has discovered a new species of insect and shares the discovery with the students. The students through their studies today find out more about life cycles to help Insecta. The students are invited to be entomologists for the day
9.55-10.10 (15 min)	Discussion: What do you know about life cycles? Small Group Activity: Construct a life cycle of a terrestrial or aquatic macroinvertebrate
10.10-10.40 (30 min)	Morning Tea
10.40-12.10 (1 hour 30 min)	Water investigation: identify and record life cycle stages Bush investigation: insect collection and observation
12.10-12.40 (30 min)	Lunch
12.40-1.00 (20 min)	Microscope session: Students view insects close up
1.00-1.40 (40 min)	Life Cycles Story: <i>The Masked Hunter</i> Small Group Activity: Using recycled materials, students make and label the life cycle of a dragonfly
1.40-1.50 (10 min)	Dr Insecta: The doctor returns and the students report what they have learnt about life cycles and how he can use this information to help him find out more about his new insect.
1.50-2.00 (10 min)	Farewell and Depart.

Students will need:

- **Covered footwear**
- **Sunsafe clothing and hat**
- **Water bottle**
- **Sunscreen**
- **Morning Tea and lunch**

W: <http://www.columboolaeec.eq.edu.au>

E: admin@columboolaeec.eq.edu.au

P: 46658166



W: <http://www.columboolaec.eq.edu.au>
E: admin@columboolaec.eq.edu.au
P: 46658166