



BUGGIN' OUT

LIVING WORLD S2

An investigation into various 'Minibeast' habitats around our centre, in search of the invertebrates that call them home. Using "real-world" sample collection equipment, students collect, identify and classify a range of insects and aquatic macroinvertebrates in a catch and release study. Students learn how the results of their study can be an important indicator of the overall health of an Ecosystem.

LEARNING EXPERIENCES

- Using shaker mats, nets, pit traps and observation cubes to collect specimens
- Dip-netting and how to use aquatic macroinvertebrates as an indicator of water quality
- Bird Surveys/Relationships between birds, bugs, food chains and Ecosystem health
- Use of binocular microscopes to observe features and identify specimens
- Observation of high quality, preserved insect and arachnid specimens under microscopes
- Wagon ride/Observation of different environments
- Bug Hotel construction
- "Make-a-Minibeast" – creation of a model using synthetic materials or modelling clay and natural materials

Real Science Investigation

Syllabus Links

ST2 – 4LW-S – Students compare features and characteristics of living and non-living things.

ST2-1WS-S – Conduct scientific investigations, collect and summarise data and communicate using scientific representations

Cross Curricular – Sustainability, Aboriginal and Torres Strait Islander histories and cultures

Skills Focus

Working Scientifically – Students will work scientifically through participation in guided scientific investigations. They will collect, record and analyse data



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