



Kamay Botany Bay Environmental Education Centre

Stage 6: Biology Module 4 Ecosystem Dynamics

Kamay Botany Bay EEC support for the S6 Biology Module 4 Ecosystem Dynamics enables mandatory fieldwork, include comprehensive modelling of the working scientifically process through the inclusion of pre and post fieldwork lessons.

Students observe patterns across the ecosystem, suggest reasons for these patterns, test hypotheses which support or reject these reasons and make predictions about changes to populations. Investigations of population zonation considers abiotic factors resulting from changes in temperature, salinity, moisture and wave action. While biotic factors influencing populations include predation and competition between species for resources.

Key inquiry question:

What effect can one species have on the other species?

Each Working Scientifically outcome has been carefully interpreted in the design of a suite of learning experiences to facilitate a teacher guided inquiry extending into a depth study about ecosystem dynamics.



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