

## Who eats who?

### Level

Can be tailored to suit students at upper primary, years 7-10 or 11-12

This activity can be done as a white-board group discussion in the evening with a group leader, or completed as a project upon return to school

### Location

Concurrent with other activities during a multi day program

Communities available for students to choose from (depending on the study program):

- Dry sclerophyll
- Rainforest
- Mangroves
- Seagrass
- Coral reef

### Excursion Synopsis

Students construct a food web for one of the ecological communities they visit during the program, showing how matter and energy flows through the community.

During the field activities students gather and record information using a notebook.

Once they return to school, students use a variety of sources to gather information about the chosen community (field notebook, reference books, internet sites).

Students evaluate and organize the information they have collected to construct a food web diagram for their chosen community (can be presented as a paper poster or as a digital project).

### For Senior Biology Teachers

This activity can be tailored to meet the criteria set out in the QSA curriculum for learning experiences:

Organisms and Ecosystems

'Construct food webs from data relating to the feeding relationships in an ecosystem'

'Use diagrams, flow charts and/ or computer simulations to model the movement of matter and energy within ecosystems'