



Classification and Food webs

Classroom Session:

Forest Types: Explore the three main forest types of Tasmania and investigate a range of influencing factors that lead to the development and distribution of different forest types.

Forest Food Webs: Construct a Tasmanian Forest food web. Consider the important relationships and flow of energy and matter between different species. What impact can introduced species or disease have within complex food webs?

Field Trip:

What is a forest? Students explore the living and non-living features of forest systems and how these are sorted and classified into groups.

Forest Types: Walk through a wet and dry forest, investigating the characteristics of different forest types and factors that influence their distribution. What features of a forest are considered in forest type classification?

Food Webs in Action: Students explore different trophic levels at work in forest environments- producers, consumers and decomposers.

- Identify different plants found within the forest and how they are adapted to capture energy from the sun and survive within this environment.
- Search for evidence of herbivores, omnivores and carnivores living within different forest types. Collect and identify scat, assess herbivore damage found on leaves and discover tracks and tree hollows.
- Discover the diversity of decomposers helping to return nutrients to the soil.

Species List: Explore the role of Australian scientists in the collection of important biological data and management of forest systems.

Curriculum Links:

Science

- Classification helps organise the diverse group of organisms (ACSSU111)
- Interactions between organisms can be represented by food chains and food webs (ACSSU112)
- Science knowledge can develop through collaboration across the disciplines of science (ACHSE223)

Contact information:

Darcy Vickers

0417 532 058

info@forest-education.com

