



## Environmental Science in the Forest

*Visit a number of sites and identify the characteristics of Tasmania's forests and their influencing factors. Explore the importance of forest science and research to land management and biodiversity.*

**Classroom visit:** 90min classroom based session to introduce some basic concepts including the three primary forest types in Tasmania, their regeneration, the carbon cycle and food webs.

### Field Trip:

**Site 1:** Explore the features of the Dry Eucalypt Forest. Complete a transect to record a range of biotic and abiotic factors (species identification and adaptations, light intensity, temperature, soil moisture, tree heights, tree habitat hollows)

**Site 2:** Make a comparison between the Dry and Wet Eucalypt Forest, completing and analysing transect data to identify the differences between each forest type. Conduct a log decay survey and interpret the adaptations of plant species.

**Site 3:** Examine the forest structure and plant species with a final comparative survey. Evaluate data and apply it to the application of research and the implications for land management at a landscape level.



- **Cost:** Class visit \$100/ Field Trip \$150
- The Forest Education Foundation (FEF) teachers will plan your program with you to suit your interests and curriculum requirements.
- Students will need to wear appropriate outdoor clothing and bring their own lunch and drink.
- FEF will provide all the equipment needed for student activities.

### Curriculum Content:

- **Criterion 2:** Experiments and investigations
- **Criterion 5:** Ecological processes
- **Criterion 6:** Changes in ecosystems
- **Criterion 7:** Human dependence and impact on ecosystems
- **Criterion 8:** Ecological sustainable management

### Contact Information:

Darcy Vickers

0417 532 058

[info@forest-education.com](mailto:info@forest-education.com)