



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:** Development, interpretation and evaluation of experiments and practical activities
- **Criterion 5:** Ecological processes
- **Criterion 6:** Changes in ecosystems
- **Criterion 7:** Human dependence

Contact Information:

Darcy Vickers

0417 532 058

info@forest-education.com