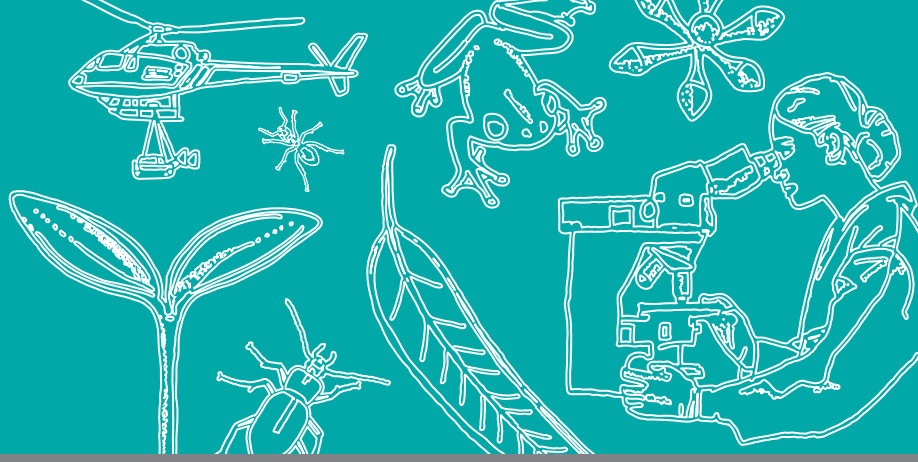
Forest Education Foundation



Year 5/6 Excursion

Fire and Forests - Geography

Students learn skills in orienteering, mapping and data collection as they investigate different forest types. Explore field sites to understand how topography, weather patterns, fire behaviour, fuels and uses of forest environments impact their management.

Program Outline

What is a forest?

Students explore the characteristics of a forest and identify the features of a forest ecosystem.

Fire Evidence Exploration Walk

Activate prior Walk through a eucalypt forest and identify evidence of previous fire activity while walking through a eucalypt forest. Learn about the role of fire in Tasmanian forest ecosystems and the amazing adaptations that support survival of plants and animals.

Forest Types and Fire Behaviour

Understand how wet and dry eucalypt forest types respond to fire. Students collaborate in small teams to conduct a hands-on survey to measure forest fuels and calculate bush fire risk.

Mapping and Managing for Fire

Learn key skills for orienteering, using a compass and how to read and record features on a map. Students apply new knowledge of forest types, fuels and fire behaviour in designing a fire management strategy for a field site.

Hollybank Forest Reserve, Launceston:
Lightly sloped walks through wet and dry forests.

Waterworks Reserve, Hobart:
Walk from entrance to main sites: approx. 1km

Dry eucalypt forest walk: steep and loose under foot 200 meter section, optional steep stone staircase to lookout on Gentle Annie Falls, gentle down slope with some small stairs.

Both sites:
Recess and lunch breaks are held at main barbeque sites with toilets accessible.

If any of the above would prevent your participation, please contact FEF to discuss tailoring a program for your class.

Curriculum Links

HASS

- The management of Australian environments, including managing severe weather events such as bushfires, floods, droughts or cyclones and their consequences (AC9HS5K05)
- The influence of people, including First Nations Australians and people in other countries, on the characteristics of a place (AC9HS5K04)

Science

- Investigate the physical conditions of a habitat and analyse how the growth and survival of living things is affected by changing physical conditions (AC9S6U01)
- Investigate how scientific knowledge is used by individuals and communities to identify problems, consider responses and make decisions (AC9S6H02)

Inquiry Skills

- Use equipment to observe, measure and record data with reasonable precision, using digital tools as appropriate (AC9S5I03 / AC9S6I03)
- Construct and use appropriate representations, including tables, graphs and visual or physical models, to organise and process data and information and describe patterns, trends and relationships (AC9S5I04/ AC9S6I04)

If you have any questions about your program please contact us at:
Forest Education Foundation Email: *info@forest-education.com*