



Fire and Forests - Geography Excursion

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

Fire Evidence Exploration Walk

Tune in to the day by identifying evidence of previous fire activity in a eucalypt forest. Learn about the role of fire in Tasmanian forest ecosystems and the amazing adaptations that support survival.

Forest Types and Fire Behaviour

Understand how wet and dry eucalypt forest types respond to fire. Students 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.



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)