

Riparian Zones Stages 4-6

Duration: 1.5hours

Location: Near a creek or waterway.

Risk Management Advice: This form is emailed and will need to be returned.

Cost: This activity is included in the onsite whole day program and overnight programs.
Onsite whole day program \$15.00 / student.

What to bring: Students need to bring morning tea, lunch in a lunchbox, water, hat and sunblock in a small back pack. The school encourages recycling so an Earth Friendly lunch is encouraged. An Earth Friendly lunch is one that has only recyclable or reusable containers for packaging and reduces the amount of rubbish.

What to wear: Sports uniform recommended with a hat and comfortable covered shoes.

Teachers: Teachers and visitors will need hats and covered shoes for walking in the bush.

Extreme weather: The school is in an extreme weather zone and could be subjected to days above 35 degrees, high wind, dust storms or extreme fire danger. Such conditions may result in the day being modified, cancelled or postponed.

Medical conditions: Please notify EEC staff.

Centre expectations: We encourage students to show respect for the environment during their visit. They can do this by being kind to all animals and insects, staying on paths and recycling their rubbish appropriately.



Overview

Students learn to identify the features of riparian zones in river and creek systems. They compare healthy natural riparian zones with a section of degraded riparian zone. Students construct: a transect of aquatic, riparian and agriculture zones; and a food web to represent the trophic interactions in a healthy riparian zone.

Learning Activities

Students are presented with information to identify features of healthy and unhealthy riparian zones.

Walk along the creek bank and identify features of healthy and unhealthy riparian zones.

Consider the impact agriculture practices have on waterways.

Construct a transect on the display board with laminated pictures and labels and assess their placement.

Draw a food web that shows a healthy riparian zone.

Worksheets are available for students to show their understanding of concepts.

Australian Curriculum Outcomes

ST3-3VA - develops informed attitudes about the current and future use and influence of science and technology based on reason

ST2-2VA - demonstrates a willingness to engage responsibly with local, national and global issues relevant to their lives and to shaping sustainable futures

ST2-8ES - describes some observable changes over time on the Earth's surface that result from natural processes and human activity

EN3-1A - communicates effectively for a variety of audiences and purposes using increasingly challenging topics, ideas, issues and language forms and features

GE2-3 - examines differing perceptions about the management of places and environments

GE4-1 - locates and describes the diverse features and characteristics of a range of places and environments

GE4-2 - describes processes and influences that form and transform places and environments

GE4-5 - discusses management of places and environments for their sustainability

ST2-11LW - describes ways that science knowledge helps people understand the effect of their actions on the environment and on the survival of living things

ST3-11LW - describes some physical conditions of the environment and how these affect the growth and survival of living things