Booking Fieldwork

During Terms 1 and 2 IEEC offers priority to Biology and Senior Science groups however booking well in advance is strongly recommended.

Phone 4237 6100 to book a suitable date.

It is essential to ensure your date coincides with low tide during the fieldwork. We will check this for you.

Once your date is confirmed your requirements and details can be phoned through or submitted online via the Booking Request Form.

www.ieec.nsw.edu.au

Cost: $7 student includes student fieldwork journals

Other

Bus access for mangrove studies - Turn left off Riverside Drive and into car park off the boat ramp.

IEEC classroom and office is located within Killalea State Park adjacent to Minnamurra River.

IEEC offers camping programs to school groups utilising Killalea’s bunkhouse and tent sites.

Cost - $7/($12 if canoeing) /student, no GST.
Confirm numbers 14 days before excursion.

Bring - medications, food, water, sunblock, hat, wet weather gear. Packed in a backpack.

IEEC Risk Assessment is provided to support the school’s risk assessment processes.

About Us

We are NSW Department of Education teachers

The Illawarra Environmental Education Centre is a Kindergarten to Year 12 facility of the NSW Department of Education. In 2014 we celebrated 25 years serving schools of the public education sector.

The IEEC principal and teacher are qualified science teachers. We would love to share our expertise and outstanding locations to support your fieldwork. We pride ourselves on collaboration with teachers to meet the needs of all students. Teachers can mix and match academic activities to include fishing, wading and canoeing if time/group size permits.

Local Ecosystems Mangroves Fieldwork site

IEEC staff meet teachers and students on the southern side of Minnamurra River Bridge. The site offers a public reserve, toilet facilities, wheel chair access, a boat ramp and shade.
Learning Activities

Identify plants and animals. Identify and describe physical characteristics and habitats.

Adaptations. Assess abiotic factors such as salt, heat, unstable soils and subsequent adaptations.

Measuring Abundance. Conduct a fair test to measure abundance across the intertidal zone.

Measuring Distribution. Use a transect to measure and record species and abiotic factors.

Biotic Interactions. Observe examples of parasitism, mutualism, commensalism & allelopathy.

Resources

Excursion Booklet - recording observations and data

Equipment - for measuring abiotic factors, waders, quadrats, nets, nipper pumps, water shoes, fishing rods

Pre-excursion Quiz - supports assessment for learning

Pre-excursion slide show - develops prior knowledge

Pre-excursion video - sets expectations of learning

Background to Mangroves - a model report

Charts for data analysis - applications of spreadsheets

Teachers’ testimonials for Illawarra Environmental Education Centre

high levels of student engagement
“Established an immediate rapport and totally engaged all students with each of the chosen activities.”

collective responsibility for student learning and success
“Very professional and knowledgeable about local environment and syllabus links.”

high expectations
“...builds a very positive and constructive rapport with students while still maintaining excellent student management. Very knowledgeable and an excellent role model.”

meeting students’ needs
“... an easy manner with the students and allows for learners of all abilities to connect with the processes and knowledge that are essential learning for Senior Science.”