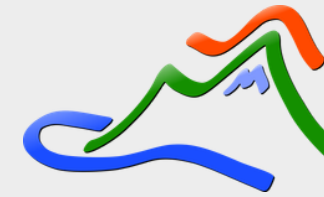




2027 - L2 EARTH SCIENCES FIELD CAMP FOR SCHOOLS



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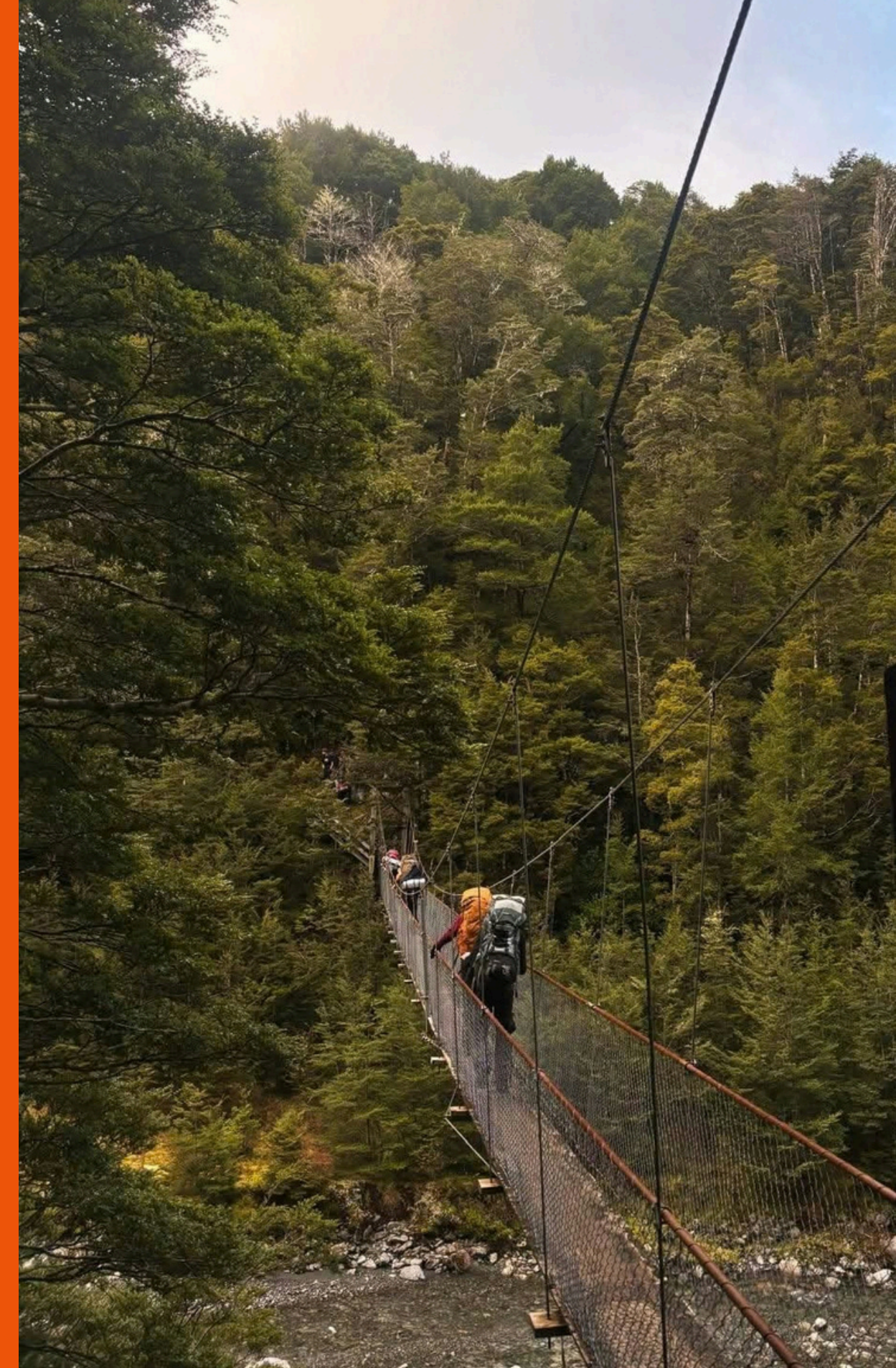
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Ready to take the next step . . .



ABOUT BOYLE RIVER

Situated in the stunning Lewis Pass, Boyle River Outdoor Education Centre (BROEC) is a Charitable Trust that has been operating since 1978, delivering high-quality, safe, and robust programmes for nearly half a century.

BROEC holds accreditation from and is audited by AdventureMark, and is a member of the New Zealand Outdoor Instructors Association (NZOIA) – with staff holding various levels of national and industry qualifications.



CONNECTION WITH NATURE AND CULTURE

At Boyle River, cultural connection is not an add-on, it is woven into the fabric of who we are. We work closely with Māori mentors and partners to ensure our programmes are grounded in authentic relationships and meaningful engagement with te ao Māori.

Our staff deliver each programme with an intentional integration of cultural knowledge, connecting participants to the land through stories, values, and practices that reflect both the natural and cultural history of the region. Learning in the outdoors becomes more than skill development; it becomes an opportunity to understand place, whakapapa, and our shared responsibility as kaitiaki.

Through this approach, participants gain a deeper appreciation of the environment around them, and also of the cultural narratives, knowledge and perspectives that shape our understanding of it.



BOYLE RIVER LODGE

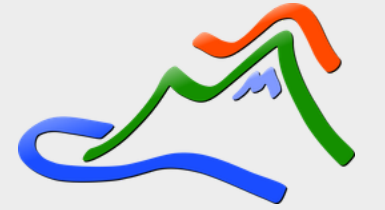
- The Lodge sleeps up to 70 in bunk/marae style rooms
- There are 2 sets of toilets and showers for male and female participants at opposite ends of the lodge and a separate area for accompanying adults
- There is equipped with a full kitchen including everything needed for cooking and eating, as well as multiple fridges and freezers
- There is a bluetooth speaker and a TV that can have a computer plugged in for presentations, movies, meetings, music or other teaching
- The Lodge is heated with heat pumps
- Recycling is encouraged and bins are provided

Groups should:

- Bring toilet paper and dishwashing liquid
- Take rubbish away at the end of camp



BUILDING A PROGRAMME



We can tailor a bespoke programme to fit your needs.

We are used to working with groups of all ages and tailor the facilitation of a programme to suit each stage or age.

We aim to adapt and meet students where they are at.

This programme is designed to add depth to and support the delivery of multiple Level 2 ESS Achievement Standards.

In the lead up and throughout the programme we would work closely with the accompanying teacher(s) to ensure that the activities and locations fit into the learning and development expectations of your school.

With this in mind, we are able to offer authentic place based learning opportunities through our access to specific locations (including on private land) within the Lewis Pass area, which highlight a variety of key landforms.

This programme targets ESE Achievement Standards in practical hands on ways including opportunities to:

- Visit or view to up to seven locations over three days with various rock types and formations
- Collect a variety of rock types
- Visit areas related to plate tectonic movement
- See weathering and erosion sites
- Consider safety assessments and management
- Develop map reading skills

Additional skills, experiences and associated learning could include: Learning about meteorology, weather, the recent effects of changing climate, physical principles related to earth systems, astronomy – stars and planetary systems.

Opportunities to cover

AS91189 2.3

AS91191 2.5

AS91192 2.6

AS91193 2.7

HOW THE PROGRAMME WORKS

DAY 1 - ARRIVAL, NAU MAI AND WERO ROOPU

The instructors will meet the group enroute at the first of up to three locations of interest on the journey to Boyle River.

During these stops students will observe and collect rock types, be able to photograph landscape features and consider various landforms.

Safety hi-vis and helmets are provided where required.

Following these visits the group continues on to the Boyle River Outdoor Education Centre for a formal welcome to the area and a short break to settle into the accommodation.

The remainder of the afternoon is spent working on team dynamics while also visiting and collecting samples from an erosion site.

The day concludes with group night activity — a fun and memorable way to bring everyone together and the potential to begin observing the night sky.



HOW THE PROGRAMME WORKS / AN EXAMPLE

DAY 2, OUT AND ABOUT

These days are co-constructed prior by working with the teacher(s) involved.

All activities are selected to enhance and create access to the land formations and rock types or learning outcomes as part of the curriculum as well as provide opportunity for social and individual awareness and growth.

An Example Day

To get underway our group discusses weather observations and analyses maps before heading out to complete an abseil in areas where geomorphic processes can clearly be seen. The Torlesse Supergroup is the backbone of our South Island alpine terrain can be seen in the layered sedimentary greywacke and argillite rock faces. These are impressively displayed as they rise above us after tectonic compression (bending, buckling, folding, shearing) and alpine fault movement has caused what was once laid flat to rise and tower over us. Intense heat and pressure (metamorphosis) over time and tectonic movement has exposed localized outcrops of alpine schist. Rock sample collecting can take place. Students can observe these vertical formations before heading out to a trail head to examine a fault line area, then walking into a campsite or hut overnight.



HOW THE PROGRAMME WORKS / AN EXAMPLE

DAY 2, OUT AND ABOUT - CONTINUED

Opportunities for land formation discussions continue throughout the day, as do weather observations, with the potential for discussions about heat transfer, cloud formation and solar radiation.

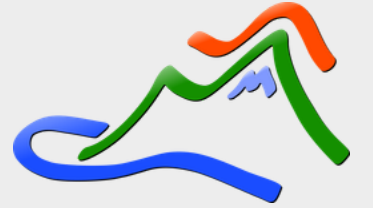
Our remoteness makes star gazing breathe-taking. There will be opportunities to learn about constellations, star life cycles, characteristics of specific stars (e.g., Proxima Centauri, Betelgeuse, Sirius), planetary system formation and navigation by the stars. The use of apps can be of assistance if there is cloud cover.

DAY 3, OUT AND ABOUT

On day three the group, having completed morning weather observations, returns to Boyle River Outdoor Education Centre to conclude with a review and clean up. There is the potential to revisit some sites on the return journey to school.



EXAMPLE LOCATIONS



- Frog Rock – Limestone outcrops (Waikari)
- Private land areas – (Limestone collection) or the Weka Pass walk to view Māori rock art on limestone
- Private Quarry – An active Marble quarry (Marble collection)
- Landforms – River plateaus and erosion cliffs at Hope River – views only
- Cliff erosion and trees in the river (Boyle) – river crossing and team activities
- Erosion impacts and structural fix ups (Boyle)
- Abseil – (Greywacke site) – observing the blocky fractured nature of this sedimentary rock which has undergone tectonic compression
- Seismic monitoring equipment at an abseil site
- Marble Hill Reserve – view and discuss Evison's Wall built in 1964 to measure earth movement

POTENTIAL ACTIVITIES

- Tramping – day, overnight
- Camping out – overnight
- Small and Big Abseil (6m – 38m)
- High Ropes
- Low Ropes
- Adventure Based Learning activities (team and leadership problem solvers)
- Sylvia Falls walk and waterfall jump
- Tubing
- River Crossing
- Compass and Map Reading – Navigation
- Night line
- Night orienteering

All activities are opportunities to enhance your curriculum learning outcomes by creating access to a variety of land formations and rock types as well as providing the opportunity for social and individual awareness and growth.



ROLES AND RESPONSIBILITIES

We understand that some kura struggle getting teachers to accompany groups on overnight learning experiences. We are able to assist by offering different levels of supervision so that staffing need not be a barrier to your school's participation, just talk to us about options beforehand.

Every school must use at least one of our instructors to accompany them into the field.

In General

- Teachers bring the curriculum and content knowledge and will lead and make connections to the required knowledge throughout each day
- Our instructors will oversee safety and run all outdoor based activities. They will also add content from their knowledge (eg: local history knowledge, mātauranga Māori) in support of the content delivery by teachers
- One teacher/accompanying adult is allocated to the lodge in case a student(s) needs some space or time out from the programme

Supervision responsibility

- Throughout the day our Boyle instructor is in charge of the delivery of activities and supervision to a safe and high standard
- The instructor and accompanying teacher will work closely as a team
- The teacher is expected to actively participate, and step in and assist with any behavioural/pastoral care needs



COST AND INCLUSIONS

2027 fees (3 day camp)

- \$310pp excluding Food and Transport
- \$350pp including Chef prepared food (Ratio 1:10 max 1:12. excl teacher)

Fees include accommodation, technical activity equipment, qualified facilitated instruction, all agreed activities, administration, safety management and EOTC systems support.

Alternatively

- Transport can be arranged for a 30–50 seater bus – prices vary based on the fuel costs but can add between \$50 and \$100 per student return.
- Catering can be prepared by the Boyle Lodge chef (3 meals and snacks) including dietary requirements.
- Partial catering available.

Our chef is able to provide for gluten free, dairy, nut, coeliac, vegetarian, vegan, halal, and other requirements. Talk to us about your needs.

Exclusions include – The cost of sending someone home, replacement of or damage to equipment



EXAMPLE MENUS

Breakfasts – In the Lodge

- Baked beans or spaghetti, toast, spreads, hash browns, eggs, oats, weetbix, fruits, dried fruits, bacon, sausages. (a combo of these are made available depending on the programme)

Camp Breakfasts – Oats, dried and fresh fruits, weetbix

Lunch

- Various meats, salads, spreads, chutneys, wraps or bread, fruit, pies and sausage rolls

Snacks

- Chef made scroggin and trail mix, crackers, hummus, slices, fruit, scones, soup

Dinners

- Mac and Cheese with Ham
- Sausages mashed potatoes peas and gravy
- Nachos
- Spaghetti Bolognaise
- Pulled Pork Sliders
- Burgers
- Hot Dogs
- Pizza
- Roast Chicken and Veges
- Various Salads and toppings
- Red Chicken Curry

Desserts

- Apple crumble
- Various cakes
- Baked stuffed apples
- Ice cream, cake and fruit salad
- Campfire toffee apples
- Campfire damper jam/butter

Dinners include a variety of salads, veges, fries, wedges etc.
All dietary needs and allergies can be catered for.



OTHER PROGRAMMES

- One day or multi day indoor/outdoor rock climbing experiences in the Port Hills or on the West Coast.
- Onsite – in school training days in preparation for camps or outdoor experiences
- Parent/Teacher Information sessions
- Presentations
- Other authentic place based science-based camps with teachers delivering curriculum focused content in the outdoors
- International Student programmes
- Outdoor Education skills training
- Port Hills day hike challenges
- Problem solving, team and leadership building activity days
- Gateway
- Leadership Development 2-5 day camps
- Combined schools leadership camps Year 10/11 – Sep, Year 12/13 – Dec.
- 2-3 week West to East journey programmes including tramping, rafting, biking etc – Rites of Passage programme
- Multi day hiking programmes around the South Island
- Duke of Edinburgh Adventurous Journey and required training (Bronze, Silver, Gold)
- We enjoy tailoring programmes to meet your needs. Let's talk.



READY TO TAKE THE NEXT STEP?

FOR MORE INFORMATION OR TO DISCUSS LINKS TO OTHER CURRICULUM AREAS:

CONTACT US



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Visit our website, boyle.org.nz, [Facebook](#) or
[Instagram](#) to see more of what we do.