

# Discover Aoraki/Mackenzie

with LEOTC

Learning experiences outside the classroom

primary programme

The **Aoraki/Mount Cook** and **Mackenzie** areas offer unique learning environments. To get the most out of their visit and learning opportunities, the majority of schools stay for three to five days.

We have many learning programmes designed to enhance school education visits.

## Help! How do I organise my LEOTC visit?

The LEOTC Educator is your one point of contact.

The LEOTC Educator will provide teachers with information and options about education programmes and activities provided by the local operators, and accommodation choices.

After consultation, the LEOTC Educator will provide you with a suggested plan designed to fit your learning requirements.

## How can I begin to plan my school field trip?

Follow these two easy steps:

1. See overleaf for curriculum themes and select from the wide variety of programmes listed.
2. Email our LEOTC Educator at [aleotc@doc.govt.nz](mailto:aleotc@doc.govt.nz) indicating the curriculum themes you are interested in covering—or phone 03 435 1186

You will then;

be contacted to discuss your proposed visit.

receive follow-up confirmation, and a resource booklet (currently being developed).

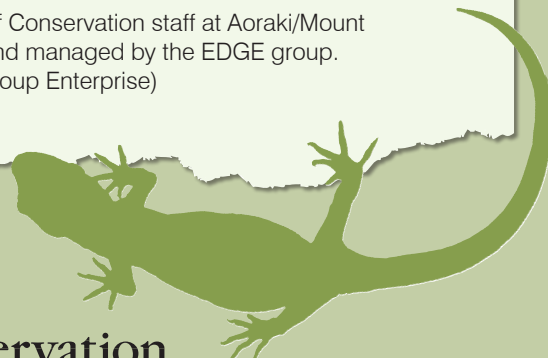
## What is in the resource booklet?

The resource booklet is designed to provide teachers with the base information about the learning opportunities in the Aoraki/Mount Cook and Mackenzie areas.

The booklet is coming soon! It will contain maps, equipment lists, roles and responsibilities lists, risk-management plans, curriculum plans, possible pre- and post-camp follow-up activities and resource lists.

## Who is running the programme?

The programme is run by LEOTC Department of Conservation staff at Aoraki/Mount Cook in conjunction with the Hermitage Hotel and managed by the EDGE group. (Aoraki/Mount Cook Education Development Group Enterprise)



## Discovering plants & animals

### Curriculum inquiry themes

Endangered/threatened birds  
 Exploration in the beech forest  
 Introduced animal pests—predators/browsing  
 Introduced plant and water pests  
 Land insects  
 Lizards  
 Native fish  
 Freshwater invertebrates  
 Salmon farming



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### Guided visits

#### Ranger talks/exploring

Governors Bush track investigation  
 Hooker Valley track investigation  
 Native plant identification  
 Kea, falcon//kārearea investigation

#### Ranger talks

What DOC is doing  
 Biodiversity

#### Exploring

Kaki/black stilt recovery programme  
 Project River Recovery—braided-river study  
 Ruataniwha wetlands  
 Salmon farm visit  
 Lizard exploration  
 Sustaining ecosystems  
 Weed and pest control

## Discovering natural features

### Curriculum inquiry themes

Glaciation  
 Alpine landscape  
 Glaciers, erosion, avalanches  
 Braided rivers  
 Water—water cycle—rivers/tarns/creeks  
 Impacts of weather  
 Clay Cliffs  
 Night sky—Starlight Reserve  
 The night sky—identification



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### Guided visits

#### Talks

Ranger talks in the DOC visitor centre  
 Sir Edmund Hillary Alpine Centre—planetarium

#### Exploring

Hooker Valley glaciation investigation  
 Glacier Explorers—boat trip  
 Water-study comparisons

#### Exploring/field trips

Braided river formation  
 Clay Cliffs formation  
 Mt John Observatory—Lake Tekapo

## Discovering people

### Curriculum inquiry themes

Early explorers and settlement of the area  
 The Hermitage Hotel history  
 Maori legend/Topuni  
 Merino high-country station  
 Transport and water crossings through time  
 Living in a national park  
 Heroes of this area  
 Sir Edmund Hillary & James Mackenzie  
 National park and World Heritage status  
 Art and artists—DOC visitor centre/Hermitage Hotel  
 Development of power—hydro scheme.  
 Risk management—tourists/schools/climbers

#### Discovering climbing

Technology of equipment—then and now  
 Social Sciences—climbers who made an impact in this area  
 Safety in an alpine environment

#### Discovering careers

Tourism—Hermitage Hotel  
 DOC—rangers/Search & Rescue  
 Alpine guiding  
 Pilots—helicopter/planes  
 Glacier exploration—operators  
 Tourism in the national park and Mackenzie area



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### Guided visits

DOC visitor centre—displays, huts, climbing memorial room, equipment, ranger talks  
 Mountaineer talk—qualities and skills needed  
 Sir Edmund Hillary Alpine Centre/3D movie  
 Tour of the Hermitage Hotel  
 Search and Rescue process  
 Safety in the mountains

#### Field work

Birch Hill—early settlement  
 Water crossings/bridge design  
 Expressing and recording images—art/photography

#### Ranger talks and field work

Early farming—Quailburn  
 Climbing on the rock wall—Twizel  
 Power projects—Waitaki Scheme Visitor Centre

#### Trails—self guided

Expressing and recording images—art/photography  
 Heroes of the Mackenzie—Bill Hamilton  
 Tekapo Sheep Dog memorial and Church of the Good Shepherd  
 Movie location—Lord of the Rings  
 Alps to Ocean cycleway  
 Waitaki hydro trail