



southland
MUSEUM & ART GALLERY
NIHO O TE TANIWAHA

LONG-TERM EXHIBITIONS

LEOTC EDUCATION PROGRAMMES

LONG-TERM EXHIBITIONS

Natural History: This collection familiarizes you with the indigenous sea life, birds, rare and extinct birds, shells, rocks, fossils and minerals of Southern New Zealand. Here you can examine the skeletons of animals such as dolphins and moa, appreciate the pretty plumage of stuffed birds such as the kingfisher and NZ wood pigeon, imagine finding a kiwi's egg in the bush, identify various shells that you may have found at the beach, discover what is inside a spooky cave, and compare the patterns and colours of rocks and minerals.



Māori Gallery: The Māori gallery contains a wealth of important *taonga* (treasures) from the Southland region. Here you can find out how southern Māori people lived, worked and played in pre-European times.

You can explore the intricate designs of the *manaia* (carvings of mythical creatures), marvel at the translucent beauty of *pounamu* (jade) jewellery, and wonder at the skill and stamina required to paddle a *waka* (canoe) on the stormy seas of Foveaux Strait.

Tuatarium: The Southland Museum & Art Gallery is the best place in the world to see tuatara live in captivity. The tuatarium replicates the natural environment of the tuatara and is set against the scenic backdrop of Queen's Park. Home to the world's leading captive tuatara breeding programme, our tuatarium houses over 90 tuatara. This means that on any given day, chances are you will get to see at least a few! With the ages of the tuatara ranging from newborns to Henry, our 110+ year-old superstar, you get to see a range of tuatara at various developmental stages.



Beyond the Roaring 40°S: All aboard the 'Beyond the Roaring 40°S' gallery! This exhibition takes you on a multimedia journey, travelling many hundreds of kilometres across the South Pacific Ocean from Stewart Island to the remote and starkly beautiful Subantarctic Islands. Once at your destination, you will be greeted by a seal whose bark is worse than his bite! From there you can hike across Adams Island and explore its varying terrain. After that, take in the various types of flora and fauna before investigating the history of seal and penguin hunting on the islands. Next, you can step on board The General Grant as it takes its final, ill-fated journey. Learn of the triumphs and setbacks of the subantarctic castaways before discovering more about the WWII coast-watchers of the islands. Read about the struggles of those who tried to farm the islands before finally understanding how the islands are used today.

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Victoriana: Step inside our 'Victoriana' gallery and see what it would have been like to have been living in Southland over 120 years ago. The Gallery of Victoriana depicts three rooms – Bedroom, Hall and Parlour of a Southland home at 8 p.m. on an autumn evening in the year of Queen Victoria's Golden Jubilee, 1887. All of the material in this gallery was donated from Southland homes.

Southern Seas: Whales, Whaling and the Antarctic: Come and learn about the wonderful world of whales. Explore whale evolution, Māori traditions of whales and the impact of whaling in southern waters during the nineteenth and twentieth centuries. Discover more about the Antarctic continent, the creatures that call it their home, and the explorers who have braved the conditions to seek answers. This exhibition features treasures from the collection including intricately carved scrimshaw, a whalebone corset, a giant whaled skull and aurora recording equipment.



Southlander's Story: Southland's past is an evolving series of historic themes that explores our diverse history. Get up close to the Waipapa lighthouse lens, built in response to the tragic loss of 131 lives when the S.S. Taranui was wrecked off Waipapa Point in 1881. Ever wondered what your smart phone might have looked like in the early 20th century? The technology display looks at rapid development of gadgets through the twentieth and twenty-first centuries. Other exhibits include Southland crafts, sawmilling, surveying and immigration.

Te Waka o Mokomoko

In late 2011 a historic waka was found and recovered from the sands of the estuary near Invercargill. Rather than send the artefact away for treatment it was decided to share the conservation process with our visitors by creating a custom made exhibition, the first of its type for any museum in New Zealand.

The exhibition showcases the waka being treated and also contains other important wooden taonga in Southland, a video presentation about the waka's recovery, panels highlighting history of the area and the people that lived there, and an overview of archaeology and object conservation processes.



LONG-TERM LEOTC MUSEUM EDUCATION PROGRAMMES

All of the Long-term programmes can be adjusted to suit your class. Please state the year level upon booking.

Animal Adaptations (1.5 hours)

This programme has been designed with curriculum links to Science Levels Three-Four: Living World - Ecology and Evolution. In this lesson, students study New Zealand's native birds and tuatara. They explore the features which have helped these animals to survive, as well as the reasons why some are extinct or endangered. This programme can be adapted to suit other Science levels if necessary.

Science: Living World

Archaeology (2 hours)

What can we tell about the way people lived by the things that they left behind? This programme explores this question by investigating galleries in the museum and other artefacts.

Social Sciences: Social Studies

Beyond the Roaring 40°S (1.5 hours)

This programme sends students on an interactive explorative mission to the Subantarctic Islands of New Zealand. Here they will learn about the geography of the islands, the flora and fauna unique to the islands, the history of shipwrecks, whaling, sealing, farming, and wartime on the islands, as well as the Subantarctic Islands today.

Social Sciences: Social Studies, History

Change in Schools (1.5 hours)

Students explore how schools have changed in Southland by examining genuine photos and artefacts. They also get to try activities from those early school days.

Social Sciences: Social Studies

Change in Southland (1 – 2 hours)

How has Southland changed over time? Students explore the answer to this question by learning about the history of Southland since the arrival of humans and comparing artefacts from our past to their modern-day equivalents.

Social Sciences: Social Studies

Ecosystems (45 minutes – 1.5 hours)

For this programme, students can study either tuatara and their ecosystem, New Zealand native birds and their ecosystem, or a combination of both. Through this programme, students recognise that all living things have certain requirements so they can stay alive and are suited to their living environment. They will be able to explain how living things are suited to their particular habitats and how they respond to environmental changes both natural and human induced.

Science: Living World

Exploring the Southland Museum & Art Gallery and Queen's Park (10am – 2pm)

This is a big day out and can accommodate up to 120 students! Students will spend the morning exploring the museum in groups. For each gallery, they will have activities to complete. For these activities, they will find, interpret and analyse information, as well as develop their creative writing and drawing skills. In the afternoon they will use interesting facts about Queen's Park as clues to complete an orienteering exercise.

Various curriculum areas

Fossils (1.5 hours)

This topic has three separate lessons to cater for three different year level groups: Y1-2, Y3-4 and Y5-6. In each lesson, students will use a PowerPoint presentation, classroom activities and the Museum's fossils displays to explore the answers to the following questions: What is a fossil? How are fossils made? What different types of fossils are there? How old are fossils? What is a 'living fossil'? What fossils have been found in Southland? As part of this lesson is conducted outside, students will need to bring a rain-coat if it is a wet day.

Science: Planet Earth and Beyond

General Southland Museum & Art Gallery Tour (45 minutes – 1.5 hours)

This tour is available either with or without accompanying activities. Particular areas can be focused on, depending on what the students are studying at school.

Various curriculum areas

Insects (1.5 hours)

Students are divided into eight groups and must work their way around eight stations to find out more about insects. In this lesson, students study real (dead) insects which are mounted in display boxes or preserved in plastic. They also complete worksheet activities and use the Internet to research questions they have about insects. Depending on stock, they may also have the opportunity to hold and observe a live locust from the Tuatarium!

Science: Living World

Kaupapa Māori (2 hours)

This programme teaches students about how the early Māori people lived and Māori culture by exploring the Māori gallery, as well as Māori artefacts, art, games and musical instruments. Please note that there is a small charge of \$1 per student for this lesson to help cover art materials costs.

Social Sciences: Social Studies, Māori Studies

Light (1.5 hours)

Find out how the observatory telescope works, conduct light reflecting and bending experiments, discover what happens when you spin a colour wheel quickly, learn about the importance of the special roof in the tuatarium and how lighting is used in our exhibitions.

Science: Physical World

Literature Link (1 hour)

Perhaps your students are studying a particular story in class at the moment? The Southland Museum & Art Gallery might be able to help your students understand a particular setting, period or theme.

For example, when studying Ken Catran's Seal Boy, students could come to the museum to see old photographs of the whaling industry in New Zealand in the 1800's. They could visit the Victoriana gallery to see what Emmet's life might have been like in Boston in the 1840's. They could then visit the Beyond the Roaring 40°S gallery to learn more about penguin, sealing, whaling and shipwrecks in the mid 1800's.

Stories about tuatara or other native animals, Māori legends, shipwrecks or life in the 'old days' are some examples of other topics that could be explored.

English: Reading

New River Estuary (1.5 hours)

Students learn about the history of the New River (Invercargill) Estuary since the arrival of the early Māori and early European settlers: how the Estuary has been used by people and the changes that it has gone through. They also study the types of birds that use the Estuary and the features that these birds have to help them survive in an estuary habitat.

Social Sciences: Social Studies; Science: Living World

Our Culture (1.5 hours)

In this programme, students explore the topics of migration, personal identity, our culture and 'Kiwiana' by completing activities to do with a talk about immigration to Southland and early Southland, Memento gift shop, the Maori gallery, Victoriana, Beyond the Roaring 40°S, the Southland History gallery and the Tuatarium.

Social Sciences: Social Studies

Our Endemic Life (1 hour)

In this lesson, students learn about the New Zealand Moa family and its connection to other ratites in the world. Then they study some of the birds on display and analyse features of each bird's anatomy which have contributed to their rate of survival. They look at why some of our birds are extinct, endangered, threatened, declining or rare, and what can be done to help protect them. Finally, we visit the Tuatarium to learn about the behaviour, anatomy, environment, history and future of tuatara.

Science: Living World

Our Environment and Conservation (1.5 hours)

This programme looks at the changes which have taken place in Southland's environment since early colonisation and teaches the students how to conserve what we have by learning from the mistakes of our past. Areas of interest are the Natural History gallery, the Beyond the Roaring 40°S exhibition and the tuatarium.

Social Sciences: Social Studies

Our Native Birds (1.5 hours)

During this programme, students study the history of birdlife in New Zealand, extinct and rare native birds, how we can protect our native birds, birds from the Subantarctic Islands and features of birds that help them to survive in their environment, whether they be forest birds, swamp birds or sea birds.

Science: Living World

Penguin, Sealing and Whaling (1.5 hours)

Students learn about Southland's history of penguin, sealing and whaling, using old photos and the Beyond the Roaring 40°S exhibition as resources.

Social Sciences: Social Studies, History

LONG-TERM LEOTC MUSEUM EDUCATION PROGRAMMES

Pre-electricity Tour (1.5 hours)

Imagine a world without electricity! This session asks students to do just that. They study pre-electricity Southland by examining old photos as well as the Māori, Victoriana and Beyond the Roaring 40°S galleries.

Social Sciences: Social Studies

Protecting Our Animals (1.5 hours)

The objective of this lesson is to explore the effect that humans have had on New Zealand's native animals and discover what we can do to protect them. Areas of interest are the Māori gallery, the Natural History gallery, the Beyond the Roaring 40°S exhibition and the tuatarium.

Social Sciences: Social Studies; Science: Living World

Scientific Investigation Skills – Estuary Study (2.5 hours)

This programme is designed to prepare students for a scientific field trip to the Invercargill Estuary. Students travel around stations to learn how to hypothesise, research, develop questions, investigate, use scientific methods, find evidence, explore, observe, record findings and present findings. All activities are linked to the estuary study.

Science: Living World

Southland Community (2 hours)

This programme looks at how Southland's community has developed since the early Māori first settled here. In this session, students use live experiences, games and drama to explore what it might have been like to be an early settler in Southland. Through this, they learn how Southland's community has been shaped and what it means to be a citizen of Southland.

Social Sciences: Social Studies

Technology and Change (1.5 hours)

With a focus on technology and how it has changed, students explore the Māori gallery, Victoriana, Beyond the Roaring 40°S and the Southland History gallery.

Social Sciences: Social Studies

Tuatara Talk'n'Touch (20 minutes – 1 hour)

This session can be added to another programme or can be a visit in itself. Talks can be general, or can focus on certain aspects of the science curriculum such as life processes, ecology or evolution.

Science: Living World

What's Beneath Our Feet? (2 hours)

Students learn the history of gold mining in Central Otago and the importance of pounamu in New Zealand. They study traditional Māori uses of our natural resources from under the ground as well as the earth's crust, how rocks are formed, and different types of rocks, fossils and minerals.

Social Sciences: Social Studies; Science: Physical World

Custom-designed Programmes

Not only can you choose from the selection of programmes above, you can also have a programme designed to suit the age and needs of your students.

Special Education

All LEOTC Education Programmes can be adapted to accommodate any special requirements your students may have. Please discuss with the LEOTC Educator at the time of booking.

Senior Secondary Students

We have a range of exhibitions which are relevant for a wide range of NCEA subjects such as Art, English, Geography, History, Māori, Science, Technology and more... One hour visits with worksheets can be especially designed to suit the needs of your students.

LONG-TERM LEOTC VISUAL ART EDUCATION PROGRAMMES

All visual art workshops include a visit into the Southland Museum & Art Gallery galleries for inspiration. For some visual art workshops, there may be a small charge of \$2 per student to cover materials costs.

Collage (3 hours)

Students use magazines, paper, newspaper and other items to create their art.

Koru Art (3 hours)

Students study the meaning of traditional Māori symbols before creating their own koru art as either a mixed media painting or as a relief print.

Mixed Media Painting (3 hours)

Students use wax, dye, oil pastels, ink, paint and glitter to create their picture.

Pastels (3 hours)

Students use oil pastels and associated techniques to create their picture.

Relief Printmaking (3 hours)

Students use cardboard, corrugated cardboard, bubble wrap, textured wallpaper, material and other items to create their template for their prints.

Art Appreciation (0.5 – 2 hours)

Using the current art exhibitions on display, students will examine various art techniques and media and evaluate their effectiveness. The length of this visit depends on the specific needs of the students.

Digital Photography (2 hours)

Students bring their own digital camera and use it to learn how to take a visually effective photograph, using the photographic techniques of distance, angle, hue, contrast, composition, texture, depth and framing.

Drawing (2 hours)

Students will learn some basic drawing techniques and then use objects from within the museum as subject matter. Drawings can be created in pencil, graphite and charcoal on white, grey or black paper.

For further inquiries or to make a booking, contact:

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For more information about the LEOTC service and programmes at Southland Museum & Art Gallery, visit www.southlandmuseum.co.nz

The LEOTC service is supported by the

