

# CENTRAL ENERGY TRUST WILDBASE RECOVERY EDUCATION PROGRAMME BOOKLET



CENTRAL  
ENERGY TRUST



**WILDBASE**

**RECOVERY**

WITH MASSEY UNIVERSITY  
AND PALMERSTON NORTH  
CITY COUNCIL







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## ABOUT CENTRAL ENERGY TRUST WILDBASE RECOVERY

Central Energy Trust Wildbase Recovery is a world class rehabilitation Centre for native wildlife recovering from illness or injury. The Centre provides shelter and care to a range of native wildlife during their recovery after treatment at Massey University's Wildbase Hospital. Every animal we care for in the Centre is an ambassador for their species and the challenges that face them in the wild.

In our Centre you will find:

- Specially designed rehabilitation aviaries for patients
- A walkthrough aviary housing tuatara and a variety of resident ambassador native birds
- Two breeding aviaries for the endangered whio (blue duck) and pāteke (brown teal)
- The Powerco Education Centre
- Bilingual signage in te reo Māori and English

### Keen on visiting us?

We provide the community with a conservation education experience like no other. Locals, visitors, schools and community organisations have the opportunity to see conservation in action - and learn how they can make a difference to the future of New Zealand's native wildlife.



Our Centre reflects the UN Sustainable Development Goals, especially Goal 4: Quality Education and Goal 15: Life on Land: halt biodiversity loss

### What to expect from our Education Programme?

Ultimately, through learning about and following the story of animals at Central Energy Trust Wildbase Recovery students will become connected to the animals, understanding their importance and significance to Aotearoa New Zealand. It will also open up ideas and opportunities about future careers in wildlife science and conservation. Students become curious and begin to question how they can help and what action they can take to help protect our taonga species.





# CENTRAL ENERGY TRUST WILDBASE RECOVERY



There's  
heaps to  
discover...

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## Rehabilitation Aviaries

Where patients from Wildbase Hospital come to recover and build fitness before release.

## Circular Flight Aviaries

Who's recovering with us right now? Kererū, tūi, kōtare?

## Raptor Aviary

Birds of prey are regular visitors, watch them build up strength to fly.

## Ground Dweller Aviary

Is there a weka, or a kiwi? Kiwi will be sleeping but check out video footage of night-time activities. Kākā, or ruru are sometimes found here too.

## Wetland & Shorebird Aviary

A refuge for penguins and other seabirds, who are our special guests today?

## Permanent Residents

There's always something to see here.

## Captive Breed for Release Aviaries

Our breeding whio and pāteke pairs play an important role in the survival of their species.

## Walk-through Aviary

A special place for you to meet our forest birds, and, if you're lucky, spy our tuatara!

## Powerco Education Centre

For a fun, educational experience pop into the Powerco Education Centre, lots of cool activities and great information.

# EDUCATION PROGRAMME FOCUS

## Curriculum Links

Science from the New Zealand Curriculum is a key curriculum learning area of our programmes. Other curriculum links can be found in Social Science, English, Mathematics, Technology, te reo Māori.

Achievement Objectives within Science relevant to our Education Programme come under Nature of Science and Living World strands.

Our Education Programme is developed for levels one to five. We can work with teachers of NCEA levels 1, 2, and 3 to cater to their specific requirements.

### Nature of Science

- Understanding about Science
- Investigating in Science
- Communicating in Science
- Participating and Contributing

### Living World

- Ecology
- Evolution

## Education for Sustainability

“Mō tātou te taiao ko te atawhai, mō tātou te taiao ko te oranga”

“It is for us to care for and look after the environment to ensure its wellbeing, in doing so we ensure our own wellbeing and that of our future generations.”  
(NZ Curriculum online).

## Sustainable Development Goal Links:

**Goal 11** – Sustainable Cities and Communities

**Goal 12** – Responsible consumption and production

**Goal 13** – Climate Action

**Goal 15** – Life on Land





## Programme Focus

Our Education Programme focuses on Central Energy Trust Wildbase Recovery, what we do and why we do it. Sharing stories of our patients' journeys from their treatment at Wildbase Hospital to recovery in our Centre and their release back to the wild.

In addition to exploring and learning about the Centre, we can add specific focuses to the programme.

- **Native Species** – Learn about behaviours and adaptations of native species. Let us know if there are specific species you'd like to learn about.
- **Pests and Predators** – Learn how a variety of pests and predators are affecting native animals and the environment in New Zealand.
- **Careers** – Look at the different career opportunities in conservation and caring for animals.
- More options available by prior discussion.



Linking with the New Zealand Curriculum, in our programme students will cover the following:

### Nature of Science

- **LEARN** from the educator all about native species
- **VIEW** actual habitats designed for different species
- **WATCH** videos of vets using innovative science and technologies
- **HEAR** wildlife and identify their behaviours
- **EXPERIENCE** the patient journey from diagnosis, treatment, rehabilitation to release

### Living World

- **LEARN** how wildlife is suited to particular habitats
- **SEE** how our native species respond to environment changes
- **WATCH** our motion graphic and learn how living things have evolved over long periods of time
- **LEARN** what the threats are to our species and our environment
- **TAKE ACTION** with activities and ideas to make a difference to our environment

### Te Reo Māori

- **READ** the te reo Māori displays telling the stories of Rangitāne o Manawatū
- **WATCH** our beautiful movie giving the story of the huia in Aotearoa, both in te reo Māori and English



## TYPES OF VISITS WE OFFER

We offer two delivery types to our Education Programme, our Core Visit (one visit) and our Big Picture Programme (three sessions and resources). They cover the topics as described on page 7 and reference this page.



### CORE VISIT

Visit Central Energy Trust Wildbase Recovery in a core visit with our Educator. This programme is designed to fit within an environmental, conservation or native species unit. It can be useful at any stage of a unit, just let us know how much prior knowledge students have. It's also suitable for a standalone visit. Please see our visit resources to ensure students get the most from their visit.

Our Education Programme takes tamariki on a journey of Central Energy Trust Wildbase Recovery. Sharing stories of our patients' journey to recovery, seeing our resident ambassadors and hearing what threats their wild counterparts are facing. In the Powerco Education Centre students will see a variety of foods our native birds eat and explore the interactive activities.

All visits to the Centre are held between 9am and 12:30pm and will be closed to general visitors during this time.

#### **Early Childhood Education (ECE)**

Time: 45 minutes to one hour  
Maximum group size: 15 children, 25 total including adults

#### **Primary Schools**

Time: One to two hours  
Maximum group size: 25 children, 30 total including adults  
Maximum of 50 - 100 students in one day.

#### **Secondary Schools**

Time: One to two hours  
Maximum group size: 25 students, 30 total including adults  
Maximum of 50 students in one day.  
Available as a presentation in school.

#### **Home-school Groups**

See age groups above  
Minimum group size: 8  
Maximum group size: 25





## BIG PICTURE PROGRAMME

Learn About, In and For the environment.

The Big Picture Programme at Central Energy Trust Wildbase Recovery is a three-part programme designed to support teachers to get the most out of our centre and gives ākonga/students support to take action and make a difference.

This visit type is focused towards primary and intermediate schools.

### Expected outline for the programme

**Session One:** Facilitated by our educator in school, setting the scene for what Central Energy Trust Wildbase Recovery does and how we fit within wider conservation in New Zealand.

**Time:** One hour to 90 minutes in length. Suitable for one to two classes at a time.

Focusing on education ABOUT the environment - developing knowledge and skills.

**Session Two:** Visit Central Energy Trust Wildbase Recovery - includes exploring and learning about the Centre, and any additional specific focuses to the programme outlined on page 7.

**Time:** One to two hours  
Maximum group size: 25 children, 30 total including adults

Focusing on education IN the environment - connecting to nature and place.

**Session Three:** In School, Sharing Outcomes, Taking Action!

Timing suitability indicated by teacher.

Focusing on education FOR the environment - taking action to restore, grow and protect.

A space for students to share their learning or tangible outcomes with our educator. Opportunities for questions and answers both ways.

Options to take action:

- Fundraising through Givealittle
- Pest and predator trapping and monitoring programmes
- Tree planting/restoration
- Growing native seeds to trees!
- Personal changes
- Making enrichment for native species.

# PLANNING YOUR VISIT

## Location

Central Energy Trust Wildbase Recovery is located within the Victoria Esplanade, Palmerston North. You'll find our main entrance opposite the duck pond. From the outside, you'll see a large concrete predator proof fence and dark green gates.

You're welcome to visit during our public open hours when planning your visit.

## Open Hours

Our Education Programme runs from Monday to Friday, 9:30am to 12:30pm.

Our public Open Hours are on our website and Facebook page.

## Parking

The Esplanade has plenty of free parking available outside, particularly during the school term.

Disabled parking is available outside our front gates.

Bus parking is available towards the children's playground approximately 100m from our main gates.

## Koha

Our Education Programme is free as we aim to reduce barriers to access environmental education. While we are free to visit, koha or donation is greatly appreciated. All koha and donations go towards the care of native birds in our centre.

If you wish to make koha or a donation to our centre, we accept cash, [online donation](#), or can provide an invoice.

## Timing and Arrival

It is important to keep to booking times, as late arrivals may impact your experience.

When you arrive at our main gates one of our education team will be there to meet you.

If tamariki have bags, we will provide space for them for the duration of your visit.







## Weather

Please come dressed for the weather.

A visit to the centre includes; areas exposed to the weather, outdoor areas undercover and the Powerco Education Centre which is not heated.

If you have concerns about weather effecting your visit, please let us know.

## Toilets

We have two unisex accessible toilets available within our centre.

## Self-lead Visits

You are welcome to visit the centre during our general open hours if you wish to self-lead a visit. Let us know in advance by emailing [educator@wildbaserecovery.co.nz](mailto:educator@wildbaserecovery.co.nz) so we can manage health and safety.

Groups are restricted to 30 children as excess noise can disturb or frighten our patients.

## The Victoria Esplanade

Our location within the Victoria Esplanade means there are plenty of activities to do after your visit to our centre. There are bush walks, the children's playground, the Esplanade Scenic Railway, the conservatory and more. Check out [pncc.govt.nz](http://pncc.govt.nz) for more information.

## Booking Your Visit

Email [educator@wildbaserecovery.co.nz](mailto:educator@wildbaserecovery.co.nz)

- Contact name and phone number
- School or education provider name
- Date or day of the week visit preference
- Number and age of students
- Visit type and focus





## POWERCO EDUCATION CENTRE

The Powerco Education Centre is an interactive learning environment that teaches tamariki about wildlife conservation. Through a range of displays and activities, it tells the stories of our native species including what they eat, the challenges they face in the wild, and the important work being done to protect them. Sponsorship from Powerco allows us to run this free programme on site, introducing the next generation to the importance of conservation and how they can make a difference.

By incorporating te reo Māori, the education centre becomes a place of learning for everyone where students can ask questions and share knowledge. It's a great opportunity to learn about an animal's rehabilitating journey and see the care they receive every day.

Our partnership with Powerco also brings its Replant for Tomorrow programme to our centre. Replant for Tomorrow is a way for Powerco to redress the tree removal work they do, keeping branches away from power lines to help keep the lights on for its customers. Through tree planting, it helps re-establish native habitats, contributes to cleaner air and water, and provides a home for our native wildlife to flourish.

Every child that comes through the Education Programme receives a native seed box, so that they too can plant their very own native tree. It allows children to have a hands-on approach in restoring biodiversity and creating habitats for our wildlife.

THANK YOU







**“AT POWERCO, WE’RE PASSIONATE ABOUT OUR OWN BACKYARD AND BELIEVE WE ALL HAVE A RESPONSIBILITY TO PRESERVE IT FOR GENERATIONS TO COME. THAT’S WHY WE’RE PROUD TO SUPPORT THE POWERCO EDUCATION CENTRE, HELPING INTRODUCE YOUNG STUDENTS TO CONSERVATION AND SHOW THEM THAT ANYONE, BIG OR SMALL, CAN MAKE A DIFFERENCE.”**

**- CAROL O’SULLIVAN – HEAD OF SUSTAINABILITY**







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### Contact Us

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### Location

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