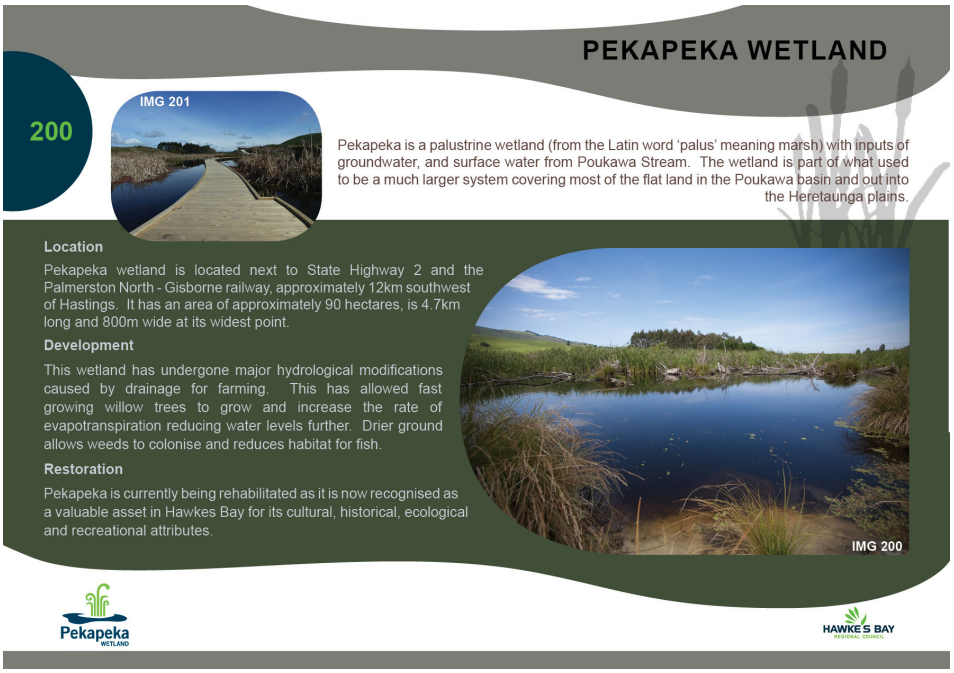
Introduction

The suggested aim of this section is for students to learn about Pekapeka wetland specifically. Students will have the opportunity to study, observe and identify the different attributes in and around Pekapeka that makes the site so unique. This section covers biophysical, historical and cultural values of the site.

This resource provides information about Pekapeka wetland and includes a list of books and websites suitable for students to further their knowledge of these and other values.

Activity sheets can be manipulated and adjusted to suit the intended learning outcomes and photographs can be used as teacher aids or included in classroom activities, power points and for other curricular activities.

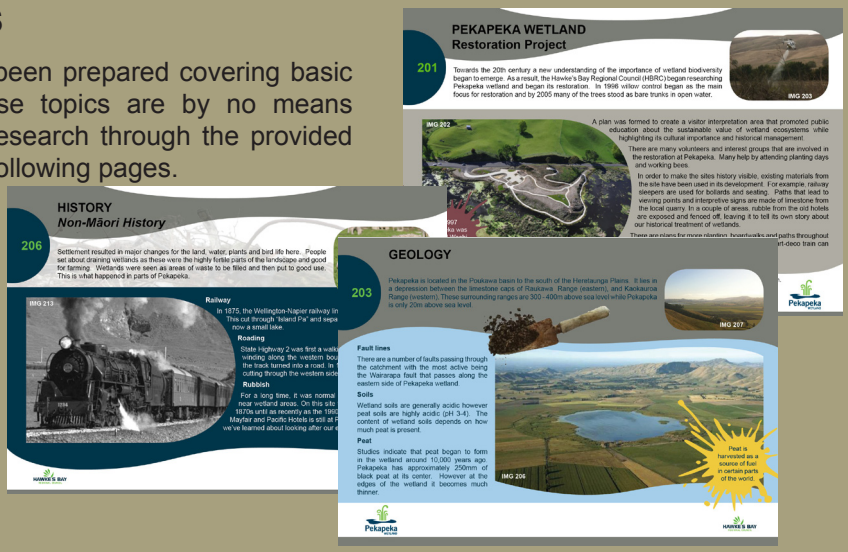
The following activities are based on 'pre-visit', 'on site' and 'post visit' categories and can be chosen according to ages, levels, interests or needs.



STUDENT INFORMATION SHEETS

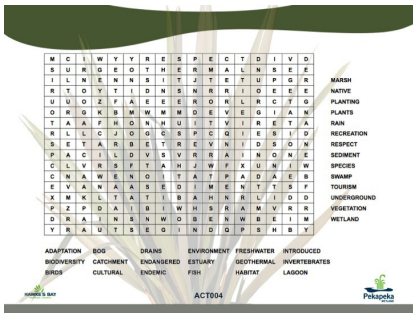
A set of Student Information Sheets have been prepared covering basic information on Pekapeka Wetland. These topics are by no means exhaustive and we encourage additional research through the provided links and information sources listed on the following pages.

INFO200 Pekapeka Wetland
INFO201 Rehabilitation Project
INFO202 Geography
INFO203 Geology
INFO204 Māori History
INFO205 Oral History
INFO206 Non Māori History
INFO207 Recreation



Activities

2



PRE-VISIT ACTIVITIES

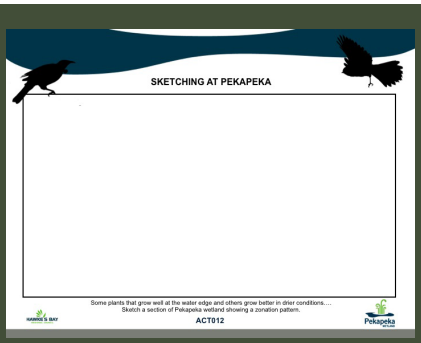
- Interview an older person in your community about Pekapeka. Ask them about how it has changed, what they used to see there, what they used to do there. Compare the interviews and write a story about how and why it has changed.
- Brainstorm why Pekapeka has been chosen as a restoration project. What are the benefits for the wetland , wildlife and for humans?
- Invite a person from HBRC or DoC to talk about Pekapeka.
- Learn about Caches and get the class to make one.
- Locate on maps the location of Pekapeka and explore the landscape that it sits in.
- Learn about different soils and their properties.
- Use Activity Sheets ACT003, ACT004, ACT007, ACT008, ACT010, ACT017.

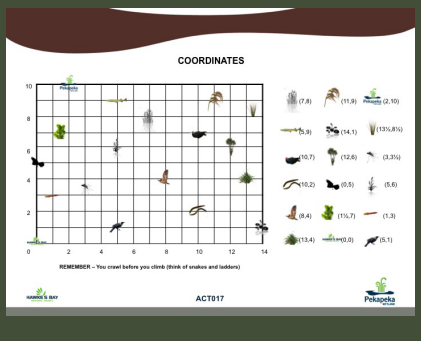
FIELD DAY ACTIVITIES

- While at Pekapeka, make a list of words to describe the wetland.
- Draw a picture of Pekapeka and how it looks now. Compare it to historical images.
- Find a quiet spot and write a poem about your trip to Pekapeka.
- Take pictures and/or video.
- Search for the hidden cache at Pekapeka and leave the one you made.
- Take soil samples.
- Use Activity Sheets ACT003, ACT004, ACT009.

POST-VISIT ACTIVITIES

- Write a newspaper report on the restoration work at Pekapeka.
- Create a play about the history of Pekapeka and spread the word about how to help.
- Make a poster that explains how important a wetland is and how to protect it.
- Make a realistic time line for the full restoration project at Pekapeka.
- Make a drawing of what you think Pekapeka will look like in another 20 years. Does it have more fish, birds or wildlife?
- Create a youtube video about Pekapeka and post it online.
- Post your hidden cache co-ordinates on line.
- Undergo soil testing to find out the type of soils that are present at Pekapeka.
- Creat a class model of pekapeka (or draw a plan) to scale and design your own tracks, car park, boardwalks etc.
- Use Activity Sheets ACT003, ACT004, ACT009, ACT010, ACT017.





Additional Resources

BOOKS

Wetlands of New Zealand : a bitter-sweet story
By Janet Hunt
Pub Random House 2007
ISBN: 978-1-86941-904-2
This book describes what wetlands do, the different kinds of wetlands, what we find in wetlands and at the conservation and restoration of wetlands.

Wetland Types in New Zealand
By Peter Johnson and Philippe Gerbeaux
Pub. Department of Conservation 2004
ISBN: 978-0-47822-604-1

Wetlands
From the series, Habitats
By Ewan McLeish
Pub Wayland 1995
ISBN: 0-7502-1587-9
Covers a broad range of information on wetlands from how they are created to the kinds of flora and fauna typically seen, to food chains/webs, and the impact of people.

Biodiversity of Wetlands
By Greg Pyers
Pub Macmillan Education, 2011
ISBN: 9781420278866
Celebrates Earth's amazing variety of animals and plants in the wetlands ecosystems.

WEBSITES

www.hbrc.govt.nz
www.teara.govt.nz
www.doc.govt.nz
www.landcareresearch.co.nz
www.forestandbird.org.nz
www.wikipedia.org
www.wetlands.co.nz
www.wetlandtrust.org.nz
www.geocachers.co.nz

OTHER INFORMATION SOURCES

Landcare Research - Wetland Restoration. A handbook for New Zealand freshwater systems

Water Testing Kit available to loan from Hawkes Bay Regional Council.

Steve Moore - Landcare Research

Philipa Green - Hawkes Bay Regional Council

Robin McCool - DoC

Alan Lee -DoC

Images

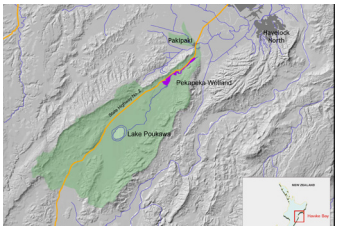
4


IMG200


IMG201


IMG202


IMG203



IMG204


IMG205


IMG206


IMG207


IMG208


IMG209

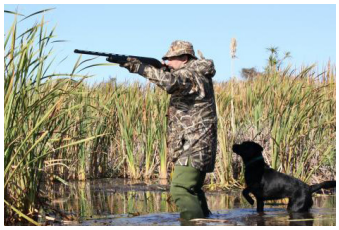

IMG210


IMG211


IMG212


IMG213


IMG214


IMG215


IMG216