

Introduction

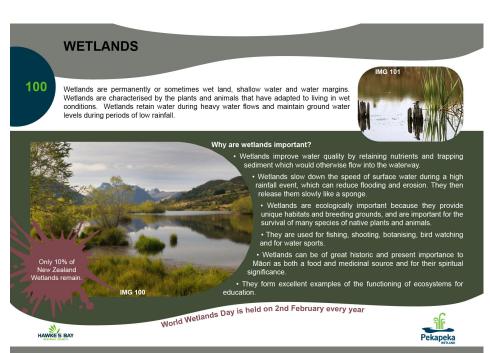
The suggested aim of this section is for students to learn about wetlands in general as well as important wetlands from within New Zealand and around the world. Students will have the opportunity to study wetlands and their different functions, sizes and wildlife attributes that make each one of them unique.

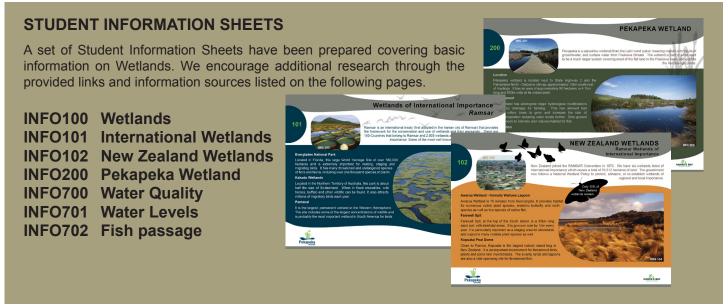
This resource provides information about wetlands and includes a list of books and websites suitable for students to further their knowledge of these, and other wetlands.

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.









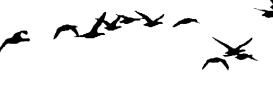


Activities

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PRE-VISIT ACTIVITIES

- Learn about what Ramsar is and mark on a world map wetlands of international importance.
- Interview an older person in your community about wetlands Ask them what they think about wetlands and their attitude towards them. Does this opinion differ from your own?
- Create a painting, drawing or collage of what you think a wetland looks like and the things you are likely to see there.
- Brainstorm why the class should do a restoration project. What are the benefits for the wetland, wildlife and for humans?
- Invite a person from HBRC, DoC or Fish & Game to talk about wetlands in Hawke's Bay
- Use Activity Sheets ACT003, ACT004, ACT007, ACT008, ACT010, ACT017.



FIELD DAY ACTIVITIES

- While at Pekapeka, make a list of words to describe the wetland.
- Find different textured wetland items and draw some of the objects or make rubbings (leaves, bark, stones.)
- Find a guiet spot and write a poem about the wetland.
- Take pictures and/or video
- Use Activity Sheets ACT003, ACT004, ACT009.

POST-VISIT ACTIVITIES

- Visit other wetlands in Hawke's Bay like Ahuriri estuary, Kahikatea swamp track and Lake Tutira. Compare them to Pekapeka wetland, how are they similar? How are they different?
- Create a play about the wetland creatures and spread the word about the world's wetlands.
- Make a poster that explains how important a wetland is and how to protect it.
- Using your observational drawings and rubbings, create a texture collage of the wetland.
- Use Activity Sheets ACT003, ACT004, ACT009, ACT010, ACT017.











Additional Resources

BOOKS

Threatened Wetlands

From the series Protecting Our Planet

By Catherine Chambers ISBN: 978-0-7787-5214-1

Clearly set out book giving information about wetlands around the world with Case Studies to observe and questions posed to reflect upon and discuss.

A Wetland Home (Australia)

By Mary Small

ISBN: 9-622-91828-X

Considers what is a wetland. Looks at the different types of animals and birds who live there, focusing on different species of water birds and observing how they raise their young.

The Stone Swan (picture book)

Written and illustrated by Helen Bell

ISBN: 1-876-61501-X

A pair of black swans returns to their nesting grounds in the wetlands, which are shrinking. Includes factual information on the wetlands.

Wetlands

From the series, Habitats By Ewan McLeish 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. Suggested level: primary, intermediate.



WEBSITES

www.nwf.org

www.landcareresearch.co.nz

www.wetlands.org

www.wikipedia.org

www.wetlands.co.nz

www.ramsar.org

www.wetlandtrust.org.nz

www.kcc.org.nz

www.nzconservationtrust.org.nz

www.digitalnz.org.nz

www.doc.govt.nz

www.fishandgame.org.nz

OTHER INFORMATION SOURCES

Searching via Epic, your school should have a password:

- i) Britannica Online
- ii) Global Issues in Context (secondary level)
- iii) Gale Science (secondary level)

www.youtube.com/watch?v=TifeEbpQZKM&feature=related (a teenager presents a rap to encourage the protection of wetlands/environment)

www.youtube.com/watch?v=ft_2nj96jLM&feature=related (Explains the purpose of wetlands and types of plants)

www.youtube.com/watch?v=KACOOCUn-y4 (Waituna Wetlands restoration, NZ)







Images





IMG201



IMG703



IMG100



IMG104



IMG700



IMG704



IMG101





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