

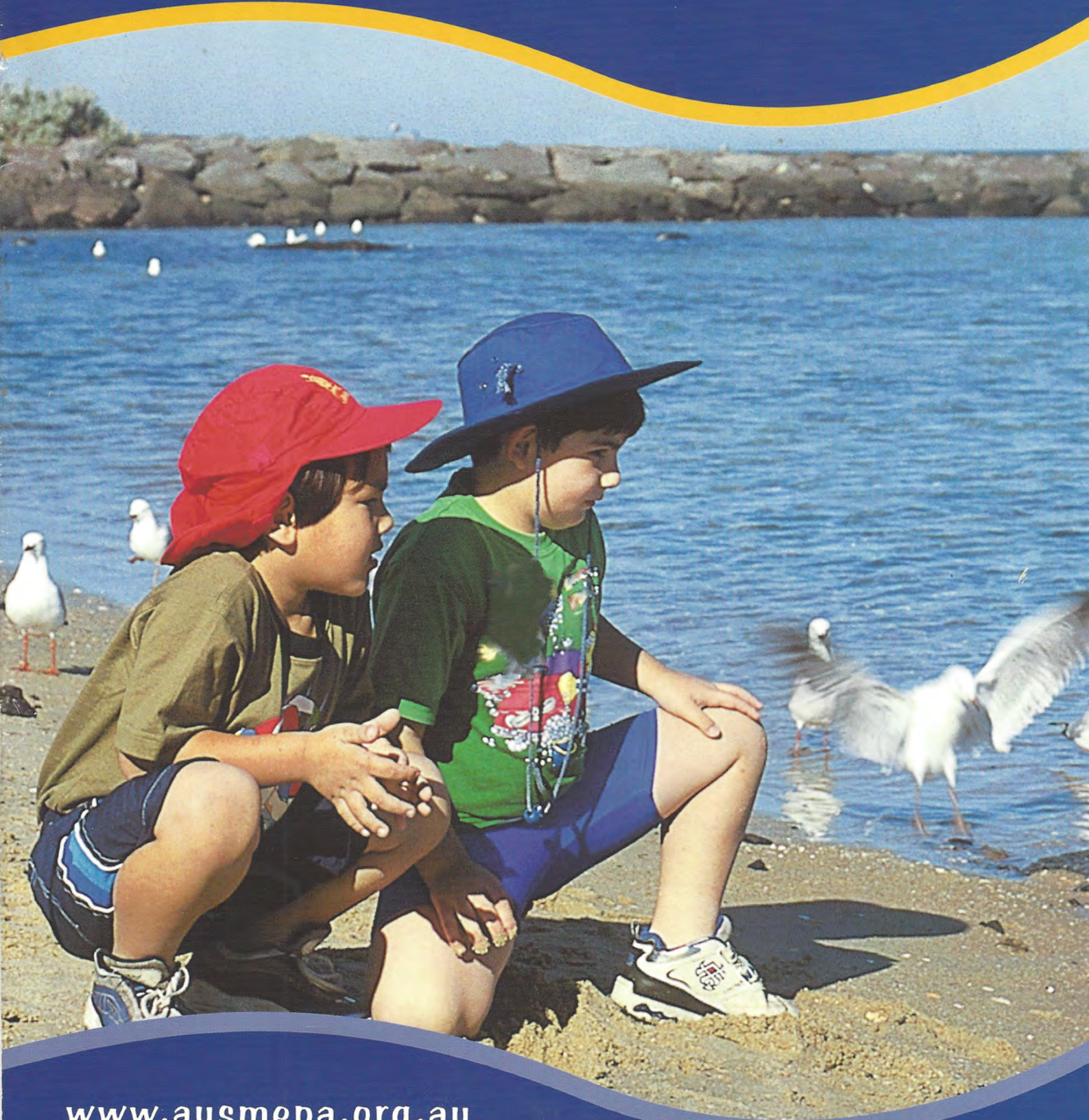


AUSMEPA



AUSMEPA Kids

Marine Club



www.ausmepa.org.au

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Published 2024

Wet Paper Publishers and Consultants
PO Box 540
Coolingatta 4225 Q



ISBN Epub 2024

978-1-86283-075-2

Written by Barbara Jensen and Bob Moffatt with additional activities by Anna Cooke.
Illustrations by Rose Bedford and Sharyn Madder

Edited by Annaliese Caston, David Oelrichs, Mike Julian, Captain John Watkinson,
Captain Steve Pelecanos, Michael Alexander, Russell Stuart, Lachlan Payne, Jim
Huggett, Kimberly Foster.

Based on original material from HELMEPA Junior and the Kids&Water Project.

Printed Heaneys Performers in Print Gold Coast Australia June 2002

Acknowledgements

AUSMEPA acknowledges the following organisations and groups for their support:

Queensland Transport Maritime, Australian Maritime Safety Authority, Australian Marine Pilots Association, Global Shipping Services, Marine Teachers Association of Queensland, Australian Shipowners Association, Baird Publications, Wet Paper Publications, Trent Moffatt Designs, Australian Maritime College, Australian and New Zealand Safe Education Boating Group, Marine Education Society of Australia, Marine Teachers Association of New South Wales. Illustrations on Page 9 courtesy of the Gould League. The photo on page 10 reproduced by permission of the Environment Protection Authority (Victoria). This photograph is not an official copy of EPA copyright material and the Environmental Protection Authority and the State of Victoria accept no responsibility for its accuracy.



It's about marine safety and conservation!



Australian
Marine
Environment
Protection
Association

Kids Marine Club



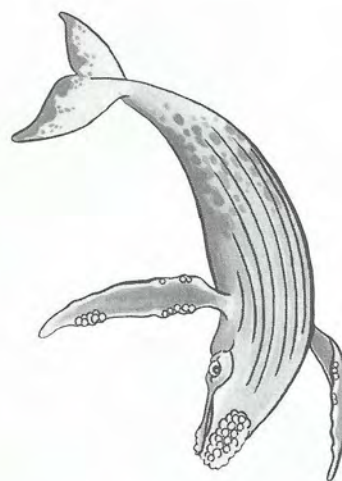
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Queensland Transport



Introduction

AUSMEPA

Launched in July 2000, the Australian Marine Environment Protection Association (AUSMEPA) is a voluntary organisation, whose goals are to inspire students of all ages to engage in activities that will protect the world's ocean from pollution.



AUSMEPA Kids Marine Club

- Encourages school involvement and interest in the marine environment and its conservation by creating opportunities for school and community groups
- Introduces children to the world of ships and maritime industries
- Concentrates on a wide variety of marine conservation and fun activities such as awareness of the marine environment, practical conservation, exchange through the AUSMEPA website, recognition of achievements, providing leadership opportunities, creating noncompetitive activities
- Contains projects that can be done in class as part of a unit on the sea, as a lunchtime activity, as an out of class activity for a school community project or as personal individual actions
- Uses a website to create an avenue for linking clubs together



Kids and Water

This national marine education program project was launched in October 2000.

Kids and Water resource materials actively engage children with the aid of big books, audio tapes and graded readers. Over 170 classroom activities have been developed by leading Australian marine curriculum writers from the six key learning areas of the Australian National Curriculum standards framework. Early childhood is catered for with felt and magnetic characters which come to life in stories about sea safety and marine conservation.



This national marine education project is sponsored by Wet Paper Publications, the Gould League and the Australian and New Zealand Safe Education Boating Group.

The benefits of the two programs

AUSMEPA and Kids and Water are partners in providing programs for education and awareness of sea safety and marine environmental protection.

- Kids and Water provides a wide range of national sea safety and marine conservation curriculum materials
- AUSMEPA provides an opportunity for schools to take action doing constructive projects to help care for and protect the marine environment

Membership

Club membership is funded through sponsorship.

- Open to all school students, the club may be of mixed ages, or grouped by age or class level
- Each club should have a voluntary co-ordinator approved by the school principal
- Marine students in senior high schools may take on a club organiser role with neighbouring primary schools

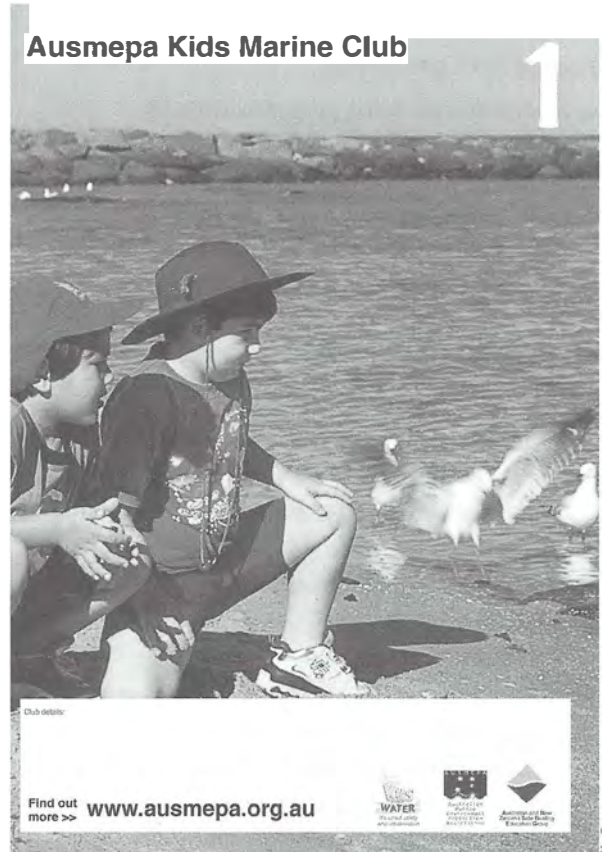
Club activities

- Advertise time and place and invite members to join (use the poster supplied)
- Involve students in all levels of planning and organisation
- Meet regularly. Plan format of meetings, aims of the club and achievable outcomes
- Use the project poster set and website to plan club activities
- Organise lunchtime fun, community involvement, classroom activities, scientific studies or personal actions to match the interests, skills and capabilities of your club members
- Share your clubs activities, achievements, projects and interests nationally via the AUSMEPA website
- Promote personal actions for the club members at school and at home
- Acknowledge achievements of the club, individual members and organising teacher, with the recognition program (see page 14)

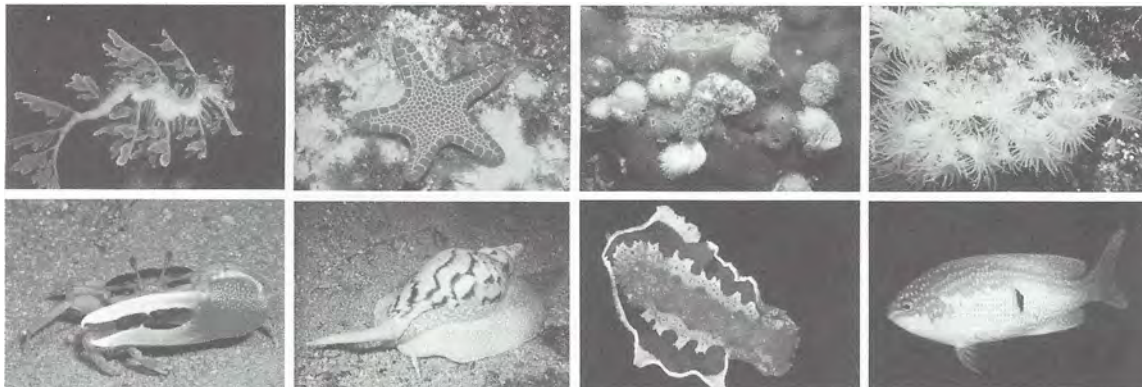
Web page

Our main form of communication is by our web site at: www.ausmepa.org.au

If you have trouble accessing the site please contact the national office.



Club Poster 1



Kids and Water sea creatures posters for club room

Support

On joining, your club will receive the following support:

Project Poster set

- The Project Poster set is made up of four posters, one sent out each school term.
- Examples of these are on pages 8 - 13.

Recognition program

The recognition reward program aims to recognise individual actions, club achievements and project successes with certificates, educational materials and ceremonial flag raising.

Details are given on page 14.

Web site access

- AUSMEPA Website Access
 - Links to other clubs to create national interest and awareness of marine issues and actions
 - Reporting page for your club's activities and achievements
 - Information forms for club recognition program
 - More activity ideas and links to other marine websites
 - Future links to Australian and other ships trading internationally

Club liaison support

On joining, the AUSMEPA club liaison officer will help you with the web site and club activities, recognition program and school resources.

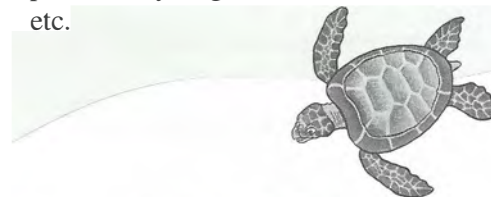


Barbara Jensen
Club liaison officer

Introductory Offer

For the first 40 schools who join, each school will receive

- a set of
 - 18 Kids and Water school readers
 - 8 sea creature posters
 - 60 safety and conservation award certificates
- AUSMEPA hats for each club member
- Membership certificate
- Set of other rewards from sponsors, eg rulers, pencils, stickers, frisbee, pencil case and pencils, key ring, stick it notes etc.



Projects

Getting started with set 1

Four project poster sets are available for club members in their first year of operation.

The aim of these project sets is to get club members interested so the club will become well established.

Project poster sets 2, 3 and 4 will be posted out after the club completes projects from this booklet and makes a report on the AUSMEPA internet site.



Background notes

The beach is our place to relax, walk, play, fish, holiday and so much more. A place between the land and sea. The beach is also the marine wildlife's backyard. A home, habitat, shelter, stop over and food source for a great diversity of plants and animals. Our beach, their backyard, a great starting point to create interest in and learn more about, the coastal and marine environment.

Discussion

Use AUSMEPA Poster 1 and the following questions to begin the discussion.

- What is the beach environment like?
eg sandy, hot, windy, salty etc
- Why do people go to the beach?
- What animals or plants live on the beach?
- How do the animals use the beach?
- Compare the people uses and the animal uses, can they share the coastal and marine environment?
- Are the beaches around Australia all the same?

The club will be given its own AUSMEPA website special password so it can add photos and notes to share with other members and other clubs around Australia

What to do

1. Read the background notes opposite and have a club discussion and complete one of the projects on pages 8 and 9.
2. Use your club password to add details and photos of your club site at:

www.ausmepa.org.au

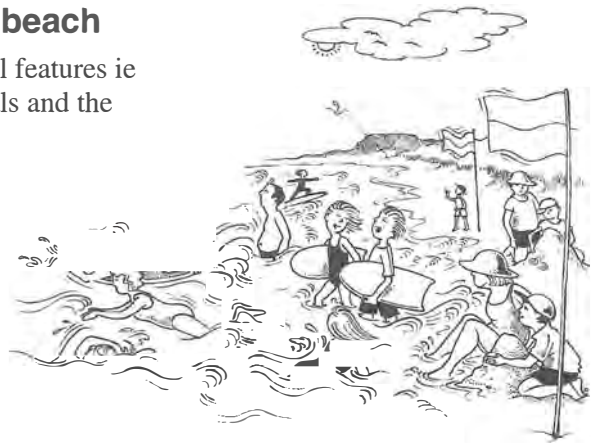
Your club will then receive the next set of projects.



Set 1 Our beach — Their backyard

Project 1.1 Community activity — Adopt a beach

- Visit a local beach – Map your beach. Include the natural features ie rocks, headlands, dunes; the wildlife ie plants and animals and the people uses. Sketch, photograph, video.
- Find out if there are any local community groups working on the beach eg Dunecare or Coast Action/Coastcare. Invite a member from one of these groups, to come to your AUSMEPA Marine Club meetings and speak about their work. Plan a project together.
- Environment Australia has the coastal atlas at www.ea.gov.au/coasts/atlas



Project 1.2 Virtual beach experiences

- Use the internet to find beach cam, wave rider buoys, Surf rider or Dunecare sites. Can you get in touch with the community via these sites to build up a picture and better understanding of that coastal area?
- Beach and wave cam sites
 - www.surfcam.com.au
 - www.env.qld.gov.au/environment/coast/tides
- Check out the AUSMEPA web site for the other web sites at : www.ausmepa.org.au

Project 1.3 Individual action awards

Would you like to try out for a marine club individual action award?

- Do you?
 - Use marked tracks to walk on to the beach
Observe and enjoy animals and plants, but leave them alone
 - Take all your rubbish and possessions home
 - Avoid disturbing birds and their resting or nesting sites
Control pets or leave them at home when you visit the beach
 - Anything else that helps save our seas
- Well go to page 13, obtain a copy of the certificate, look on the back and then complete one of the activities.



Project 1.4 Lunchtime fun

Use the Kids and Water Sea Creatures Poster Set to make a sand seascape or sand sculpture

- Turn your school sandpit into a hive of beach activity.
Create many small or one big sand sculpture.
- Come prepared with spades, buckets of water, collections of playground twigs, flowers etc, recycled empty containers and other bits and pieces to sculpt the sand.
- Take a photograph for the school newsletter and the AUSMEPA web site



Project 1.5 Drains to the river- a classroom activity

This activity demonstrates a range of different pollutants entering rivers via storm water drains and creates discussion about their source. The students will conclude by coming up with ways and things they can do to reduce this problem.

Materials needed

The following pictures from magazines

- Golf course, factory, house, carwash, dog, storm drain, farm, paint tin and brush, plastic rubbish
- Two plastic clear containers with water (representing two rivers)
- Two plastic sea creatures (optional - for effect)
- Small amounts of the following to represent the pollutants
 - Food colouring (paint)
 - Coloured 100's and 1000's (sprinkles) (fertiliser from golf courses)
 - Brown chocolate sprinkles (dog poo)
 - Sugar (chemicals from a factory)
 - Plastic bag (rubbish from streets)
 - Dirt (runoff from farms)
 - Biodegradable detergent (car wash runoff)

What to do

Part A : Class brainstorm/discussion

- Using the picture clues (or signs) (golf course, factory, house, car wash, dog, storm drain, farm, paint, rubbish) discuss where and what pollutants might be a problem to aquatic life and how they get into the river.
- Make a list of pollutants on the board.

Part B: Demonstration and revisit brainstorming ideas

- Using one of the clear containers with water (and a plastic marine creature in the bottom), ask a student to add "pollutants" to the river.
- Discuss the polluted river as a class and what effects this may have on aquatic life.

Part C: Conclusion

- In small working groups write down all possible ways that you can think of as to how we can help reduce or eliminate these pollutants entering rivers or streams.



Illustration courtesy the Gould League



Illustration courtesy the Gould League



Illustration courtesy the Gould League

Set 2 Sea creatures at risk

Project 2.1 Butts off beaches

This project aims to increase awareness of cigarette butts as a marine pollution issue. Students take action to reduce butt littering by approaching local shops and encouraging them to hand out butts off our beaches film containers.



Project 2.2 Fatal food relay

This fun relay is best carried out at the beach but can also be done at school. The relay highlights problems associated with rubbish and pollution in the sea that harms the sea creatures.

Materials

- 16 brown paper bags (or cloth ones)
- Good food:
 - 8 plastic sea food creatures or cards with names of sea creatures on
- Fatal food:
 - 8 samples of rubbish eg balloon, plastic bags, foam, six-pack ring etc

Step 1

Place the students into two equal relay teams

Step 2:

Assign each team a sea creature to be and act out as they compete in the relay

Step 3:

Mark an area in the sand and arrange the brown bags (with the hidden food inside) at the end of the relay course.

Step 4:

Tell the first student in each line to run to the end of the relay course and select a bag. The students remaining at the end should secretly open the bag and show it to the instructor but no one else.

Step 5:

If the bag has fatal food in it, the students should moan, groan then go the sick and dying section off to one side.

If the bag has good food in it the student will go back to their relay team.

Project 2.3 Scientific bird study

This project details six activities that students can do to study the effect of humans on local bird populations.

Students collate their results and present them in a poster or photographic competition.

They then encourage their local council to set up a display for a week in at the local council office or shopping centre and announce the winners by the Mayor.

The aim is to promote awareness of the effect of litter on local bird populations.



Step 6:

Repeat the activity until all children have gone or only one team is remaining. The last team left healthy is the winner.

Reflection

- Discuss after with the sick and dying students what made them sick and why?
- Discuss what types of litter are on the beach today? Where might it have come from?



Set 3 Club competitions

Project 3.1 National poster competition

The national competition is an annual event based on a theme to raise awareness on marine environmental issues.

Each year the AUSMEPA Office will announce a theme for a poster and slogan competition and set a completion date, usually no later than September of that year.

The winning entry will be produced as a public awareness poster and distributed through Australia and overseas to promote AUSMEPA objectives.

Prizes are dependant on competition sponsorship and may vary from year to year.

Poster format and entry

- Posters are made on minimum A3 size white paper or card using bright colours suitable for scanning and reprinting.
- Each Club sends its original artworks to the AUSMEPA office (free from folds or creases and clearly named and labelled).
- Officials and AUSMEPA sponsors will judge the competition.
- No writing on poster other than the basic slogan.
- See the AUSMEPA web site for more information.

SAVE OUR SEAS



2001 competition entry

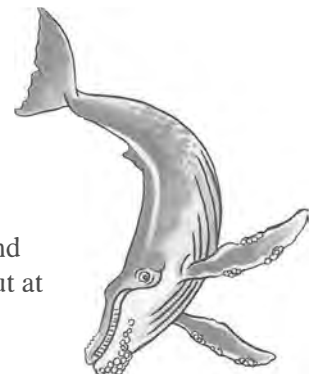
Project 3.2 Tattoo or sticker competition

Plan a competition for your club members.

Publish the winners on the AUSMEPA website and apply for a prize from the recognition program.

Possible Competition ideas

- Sticker - 'Healthy oceans, you can help' Design stickers that have a slogan and picture (10 x 5.5 cm). Photocopy the winner and distribute to other classes.
- Two minute talk - 'Speaking up for marine life'. Choose a topic like marine animals or seabirds and give each member (or work in small groups) an animal, ask them to prepare a two minute talk or presentation about that animal. Encourage use of pictures, books or models. Ask another teacher to judge the winner.
- Drama game - 'What coast care action is needed'. Discuss some of the actions by community groups and individuals (or actions that could be taken) to help care for the coast and oceans. Write the suggestions into a list. When you have completed the list, cut them into single coast care actions, put them in a container and ask small groups of students to pull out an action. Don't show it around but get together, plan and finally act it out. Choose the best groups and ask your principal if you can act them out at school assembly.
- Make up your own competition, make a photographic record of it and report it to the AUSMEPA office and website.



Set 4 Working at sea

Project 4.1 Imagine you are a ship

Shipping companies are trying to reduce the amount of rubbish produced by the crew when they are on board the ships. In this project students do a rubbish collection during lunch time at school to work out how they could live more “lightly” on their “ship”.

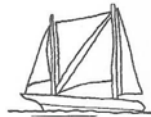
Once the rubbish has been collected students will tally the results and produce graphs (eg bar graph, percentage graph) showing the type and amount of rubbish produced by their “crew” eg, glass, paper, plastic metal, other. Back in class they discuss how much rubbish there would be if they were at sea for five, ten and thirty days.



Project 4.2 How small ships protect the environment

This project aims to find out more about the practices, methods and measures that boat operators use to reduce ocean pollution and help protect the marine environment.

Write a survey (see possible questions below), send it to a boat operator and then make the answers up into a poster headed “How boats protect the environment”. Display it in the school or send it back to the boat operator.



Possible small ship/boat operators

Fishing boat, fishing co-operative, ferry, tug, dive boat, yacht, riverboat, speedboat clubs etc.

Possible survey question headings

- Fuel - eg refuelling
- Waste disposal - eg rubbish, wastewater, sewage, port facilities
- Loading and unloading - eg handling procedures, spillage
- Cleaning - eg deck scrubbing, bilges, equipment
- Maintenance - eg anti-fouling, painting, oil changes
- Storage - eg stowing equipment on board
- Construction - eg boat design and materials

Project 4.3 What knot?

Knowing how to tie a special knot can be very helpful in many situations!

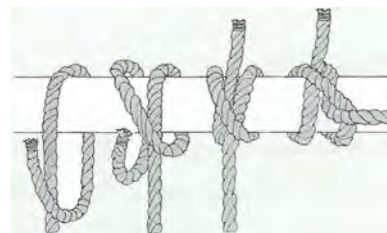
A half hitch – can be used for tying many things including tying a boat up to a jetty

A bowline – used when a line is required to be secured through or around something, eg tying equipment in a boat or making a loop for a mooring

A half hitch

To make a half hitch you will need to practise on a pole or similar object

1. Wrap the end of the rope around the pole
2. Bring one of the ends through
3. Repeat this process
4. Pull the knot tight



- Duty of care - eg why it is important for ships/boats to protect the marine environment?
- Best of all, visit the local port or invite the boat operator to come and answer the questions at your AUSMEPA Kids Marine Club meeting.

Set 5 Mighty to microscopic

Project 5.1 A set of aquatic cards

Together make a set of aquatic cards. Come prepared with aquatic posters and books, cardboard, scissors and pencils. Cut the cardboard into uniform sized rectangles (playing card size) and using the posters and books for ideas, draw aquatic wildlife on the cards. Draw two each of every card (ie pairs), coastal and ocean plants and animals, remembering the plankton and microscopic creatures too.

Now use the card set to play many card games, examples below but also think up your own.

Sea chant

Put the sea cards in a circle face down, one for each student. Everyone sits behind a card.

Begin a aquatic chant eg diving in the ocean I saw a shark, diving in the ocean I saw a shark and a seasnake etc. The chant moves around the circle as each student turns over their card and adds their plant or animal to the chant. Keep going, think of more of the amazing life in water.



Aquatic poem

With the cards displayed for all to see, create a poem that will bring your aquatic life into action eg crabs hide, eagles glide.

What am I?

Secretly look at your card, then describe the marine wildlife by its features and habitat, can the others guess what it is? 'On my card is an animal that lives in a pool, it is... etc' When someone correctly guesses it, become that sea animal or plant. Move about like that thing, accentuating its shape, movements and habitat.

Dinner time

Play like snap but instead of snapping for doubles, snap 'dinner time' when the card on top would eat the card below eg fish on a plankton or tortoise on a weed.

Project 5.2 Technology

Hundreds of turtles die each year after being caught in fishing nets. To protect the turtles and minimise the by-catch, TED's or turtle excluder devices are used in some countries. In this project students are asked to design another device to help to reduce the impact of our fishing practices on marine life. Find out how effective TED's are.

Project 5.3 Studies of Society and Environment

A. Indigenous Australians and the Coast

- Find out about the use of the coast by our indigenous people. What is sea country? What are some Aboriginal words to describe the marine animals and plants in your area? Find the people who can tell you more about sites, stories and significance of the coastal areas.

B. Food from aquatic environments

Have students investigate their local shops to find at least ten different items from water.

C. Prepare a collage of an aquatic environment.

D. Create your own aquatic animal theme park.

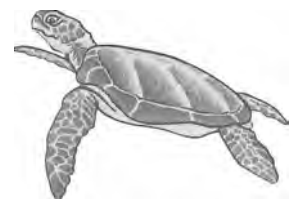
E. Compose an aquatic rap featuring an aquatic animal at risk of pollution.

F. Prepare a poster of a life cycle of a local aquatic creature.

Project 5.4 Science

Patterns of Diversity - Identify and compare a range of different features of marine animals eg fins, eyes, gills, tails, eggs and body shapes.

Show in a class presentation or report how different features are useful in assisting in survival in different environments or conditions.



Recognition

The Recognition Program aims to recognise individual actions, club achievements and project successes with certificates, educational materials and ceremonial flag raising.

Individual action awards

Marine Conservation certificates and Marine Safety certificates can be awarded for individual actions from the kit supplied on joining. Use the individual reward items for members achievements. There are 30 items per kit and you will have to decide how these are handed out.



Individual action awards



Club dolphin award

Clubs that complete at least 2 activities from any of the first year Project Poster Set and report them to AUSMEPA via the website can request the Dolphin Award and Educational materials.

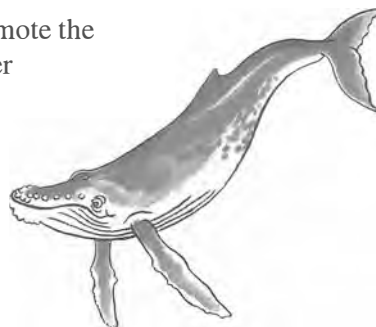


Club whale award

Clubs that complete at least four activities from the four project poster sets and report them to AUSMEPA via the website can request the Whale Award, a ceremonial AUSMEPA flag raising at their school.

This will recognise and promote the work of the club in the wider community.

The AUSMEPA office will help to organise the event with officials and media.



Whale Award School and Community Ceremony

Sponsorship

AUSMEPA is a partnership of maritime and marine related industries assisted by government and non-government agencies forming a non-profit association.

AUSMEPA Kids Marine Clubs are sponsored through efforts of committed volunteers from industry, government and the community who are coordinated by a voluntary board and advisory committee.

Board chairman

Michael Alexander

Office Bearers

Michael Julian

Executive Director

Kimberly Foster

Secretary - National Office



Michael Alexander



Michael Julian

For more information about current board members and the association, see the AUSMEPA web site:

www.ausmepa.org.au



AUSMEPA Flag



Recent advisory committee meeting



International HELMEPA visitors, July 2000



AUSMEPA Kids Marine Club Launch July 2000

We'd like to join

Please return to:

AUSMEPA National Office
PO Box 409 Albert Street Brisbane QLD 4002
Telephone: 07 3404 3967
Fascimile: 07 3229 6636
Email: info@ausmepa.org.au

Web site

www.ausmepa.org.au

Club contact _____

School _____

Address _____

_____ Code _____

Email _____

Telephone _____

Fascimile _____

Number of hats and club certificates required _____

How do you intend running your club? (Optional)

During class time Eg SOSE, Science etc _____

As a sports afternoon activity Eg Volleyball, Music etc _____

As part of another club program Eg Enviro-club, waterwatch etc. _____

As a new school club activity



.....
Principal's Signature Date



BOATING SAFETY CERTIFICATE



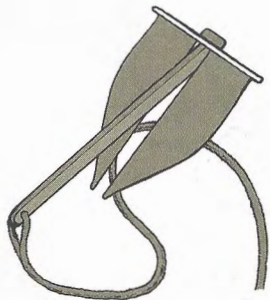
It's about safety and conservation

Awarded to



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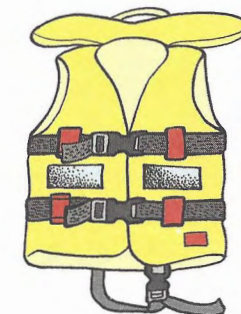
for



Parent/Guardian's signature

Waterways

Teacher's signature



Boating safety tips

Watch the Weather

- The weather can change quickly. Check the weather before and throughout your trip. If in doubt, do not go out.

Leave a Message

- Tell someone where you are going boating and when you will return. It will help in finding you should something go wrong.

Learn to Swim

- Make sure you can swim before you go boating. If still learning to swim, wear a lifejacket.

Wear your Lifejacket

- Know when to wear your lifejacket, it will keep you afloat should you end up in the water.

Capsize

- Is your boat and its gear suitable for the conditions?
Small boats can capsize or be swamped.
Stay with your boat if it does tip over, it will give you something to hang onto and rescue crews something to look for.

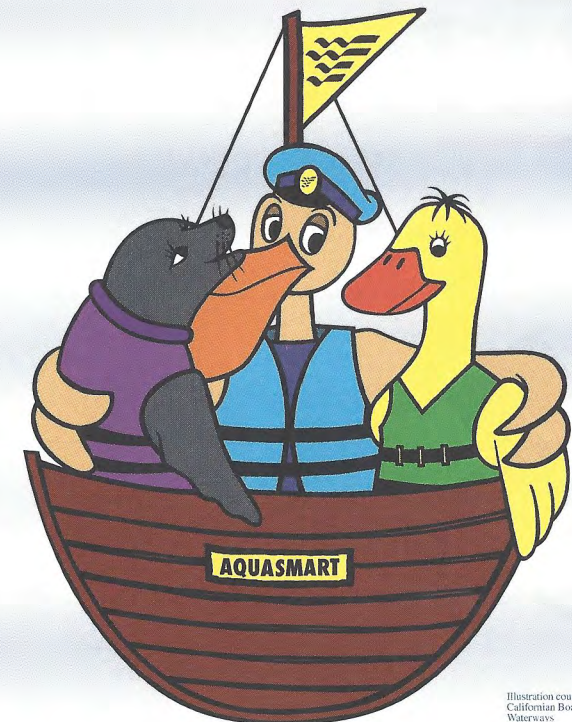


Illustration courtesy
California Boating and
Waterways

MARINE CONSERVATION CERTIFICATE



It's about safety and conservation

Awarded to



Australian
Marine
Environment
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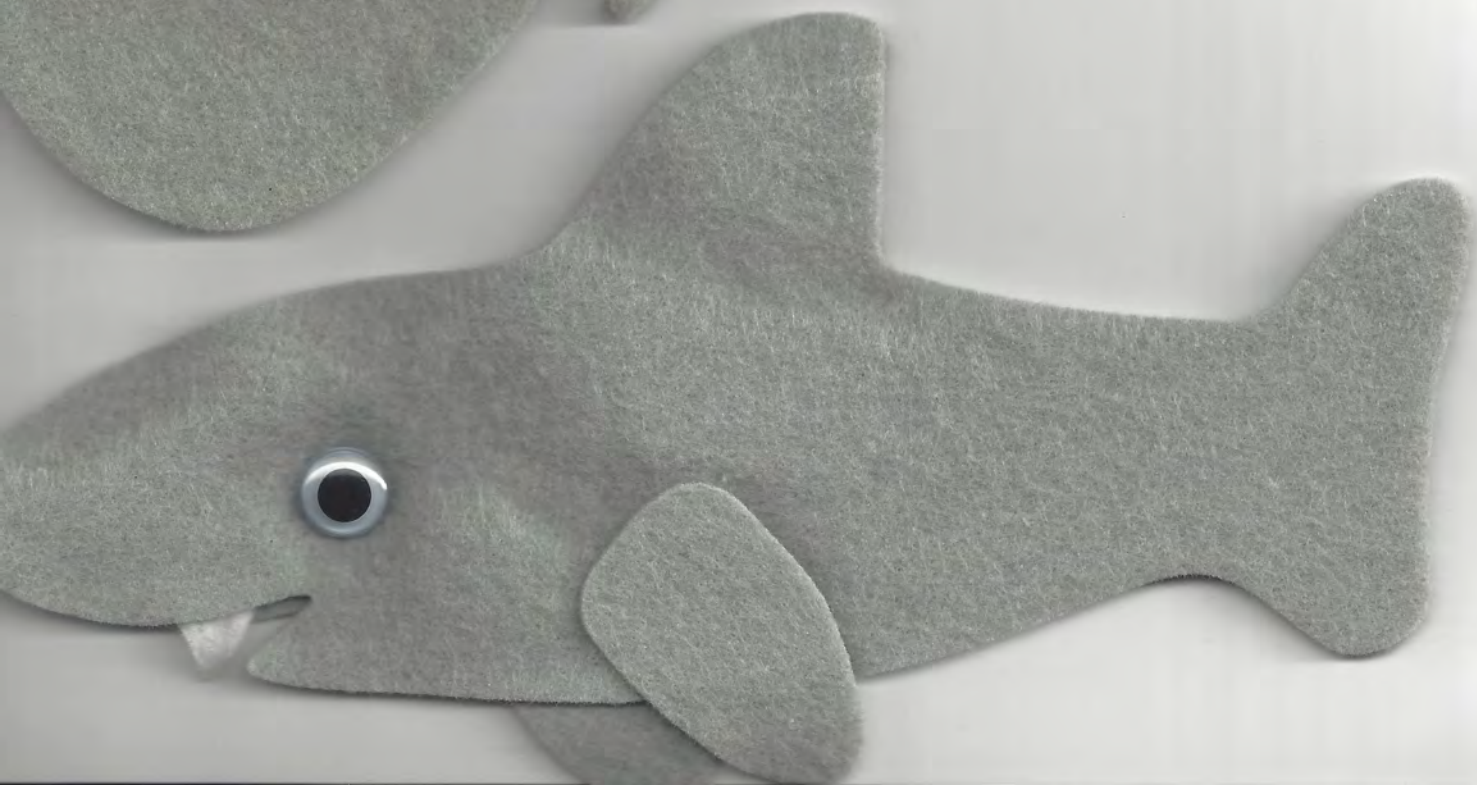


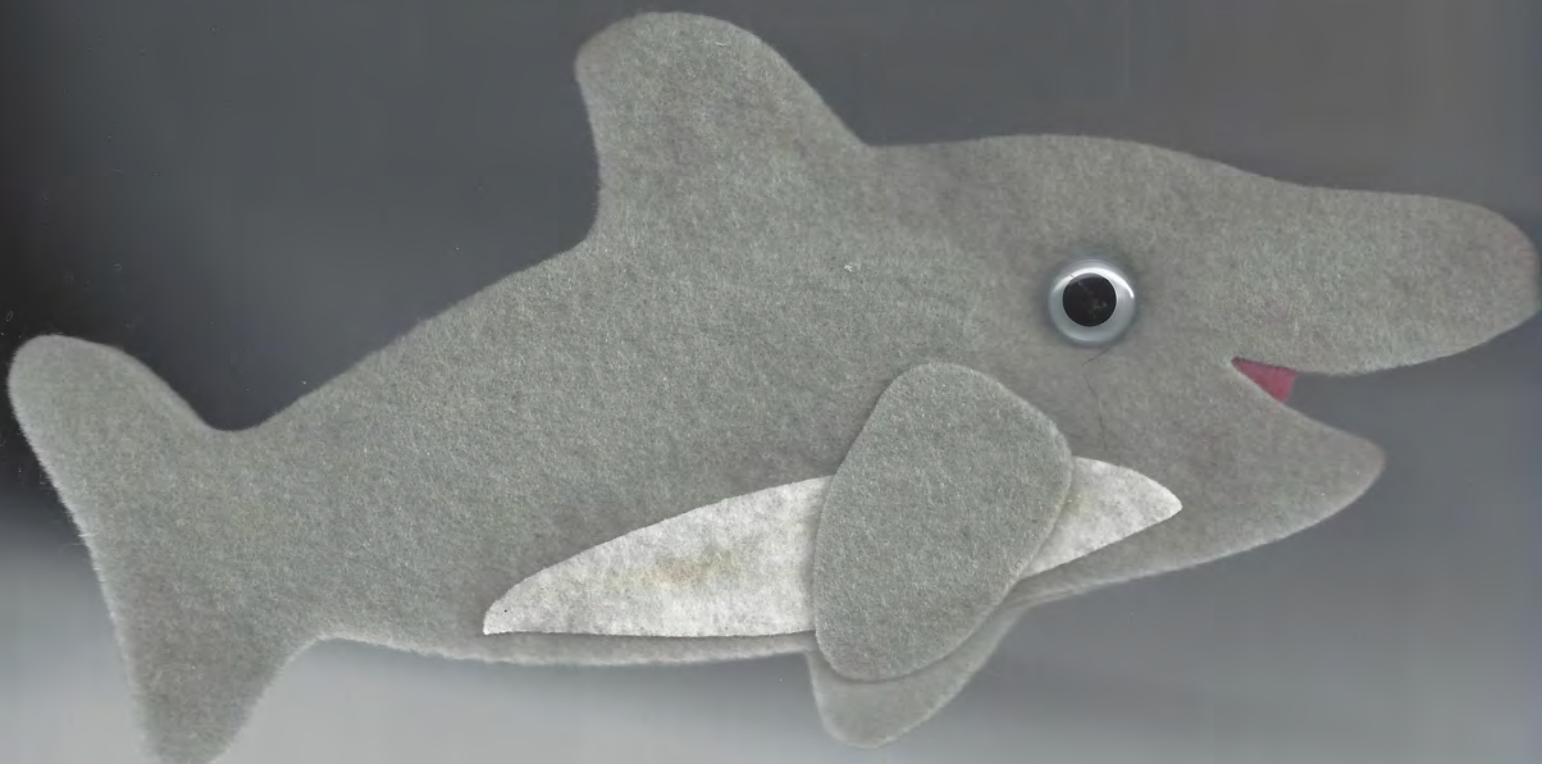
Parent/Guardian's signature

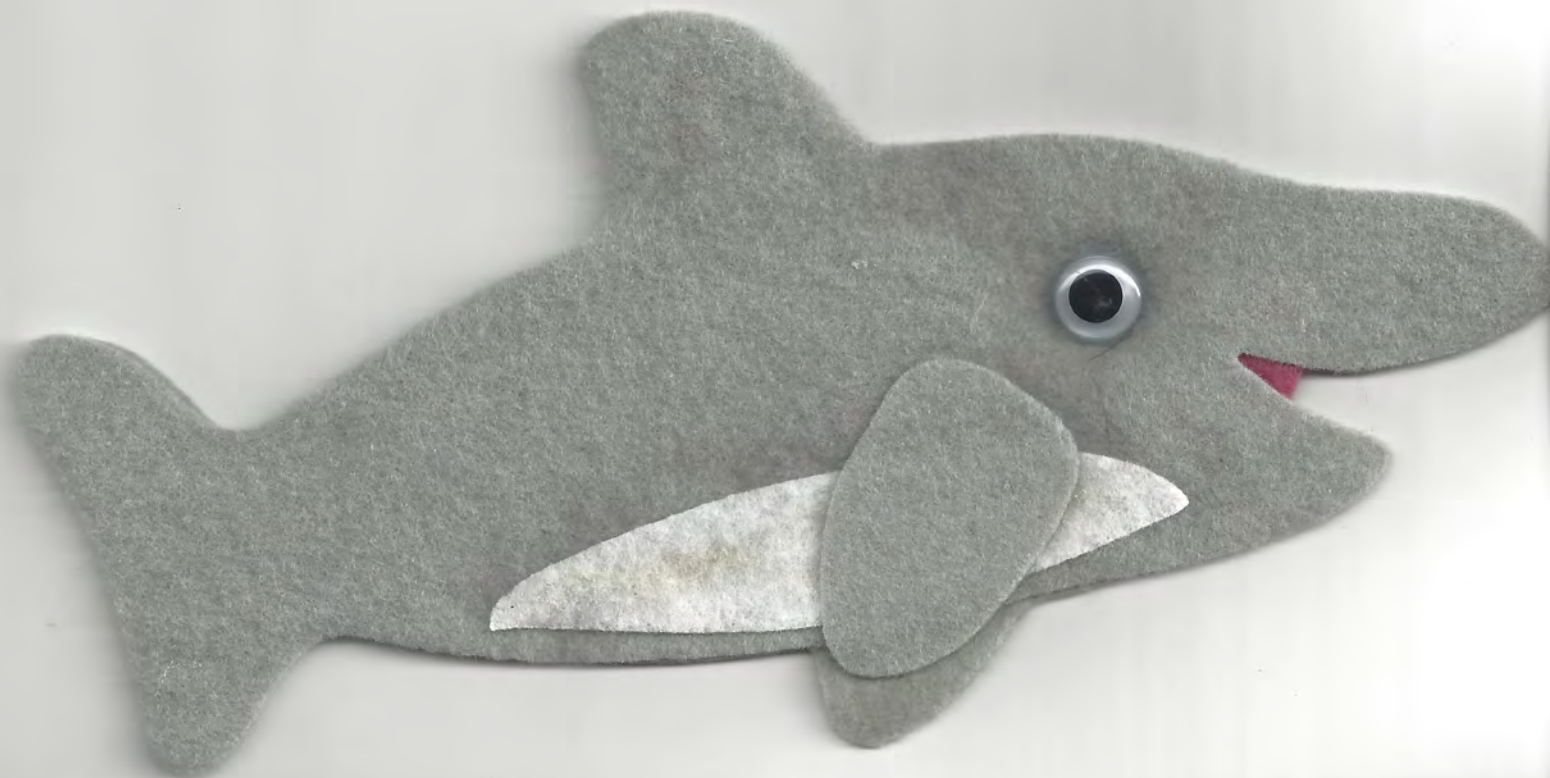
Teacher's signature

My Marine Conservation Pledge















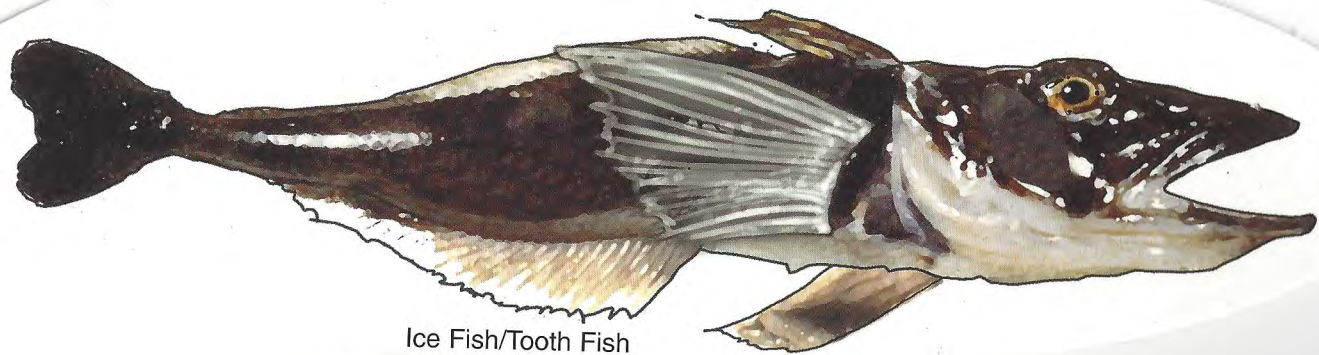
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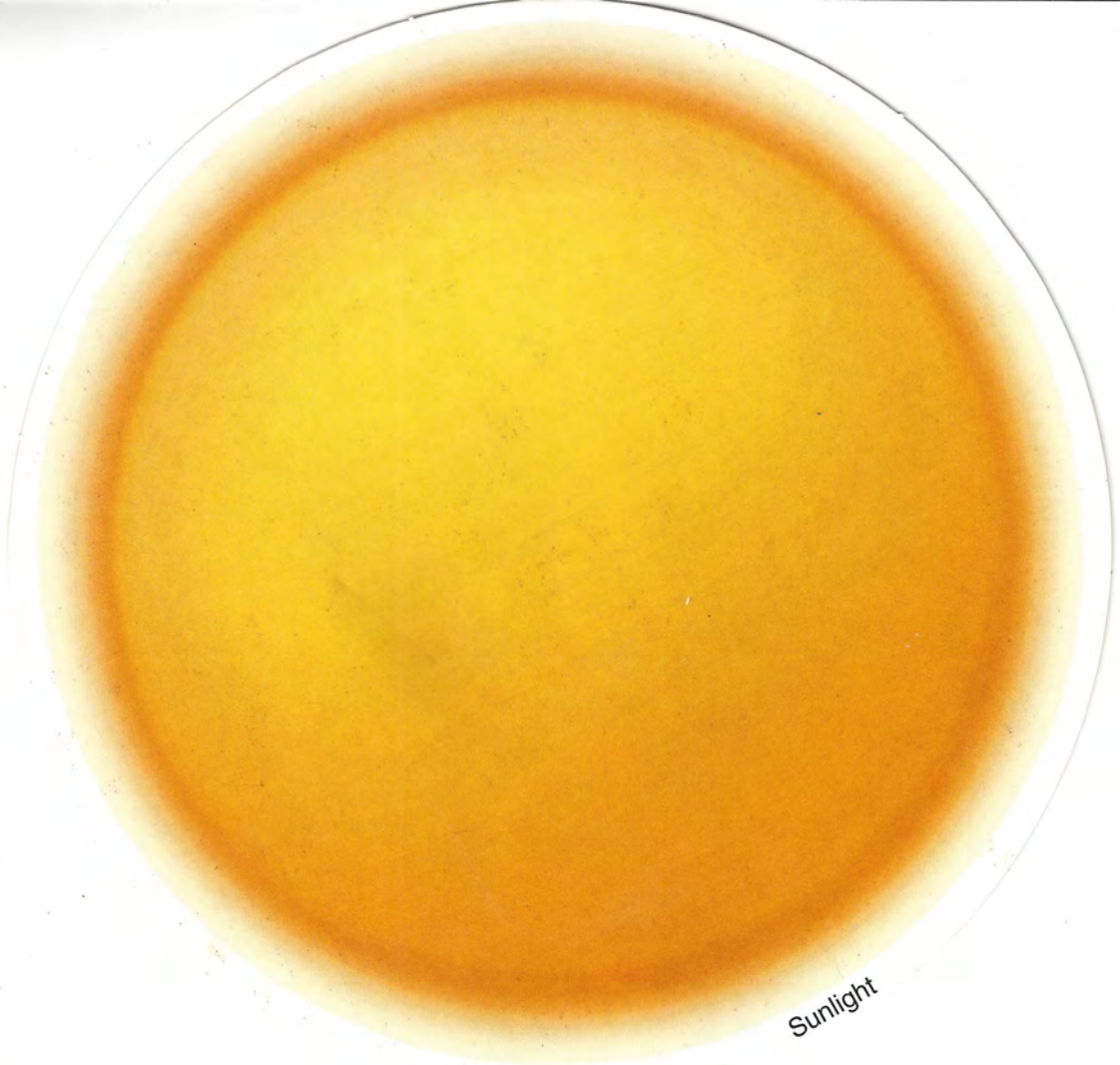


Ice Fish/Tooth Fish



Zooplankton





Sunlight



Krill



Humpback Whale



www.wetpaper.com.au

Be Safe at
the Beach



**KIDS
AND
WATER**

It's about safety and conservation





Wet Paper
Marine Education

2002 Grants to Schools Libraries Programme

Real Life Australian Readers



New



Level 3 Extension Kit

See page 5

Free offer Reward Pack

See page 7

www.wetpaper.com.au/kids&water

A National Marine Education Program

Please note our new address



PO Box 540

Coolangatta Qld 4225

Phone (07) 5525 6122

Fax (07) 5525 7066

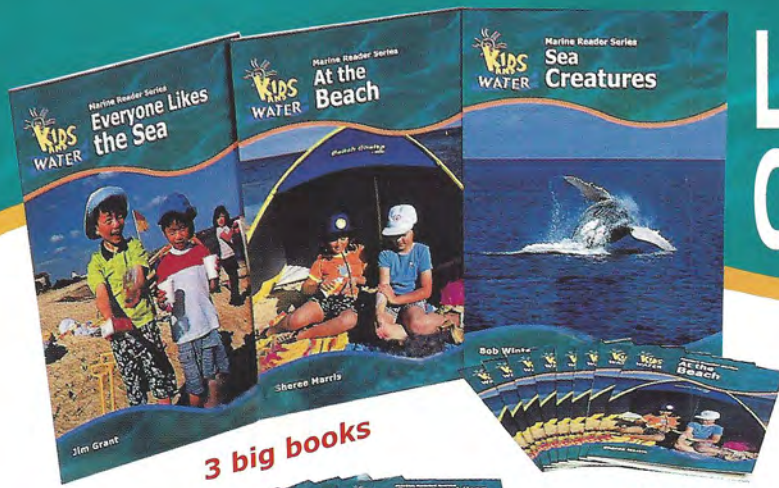
Email: sales@wetpaper.com.au
www.wetpaper.com.au



Australian and New Zealand Safe Boating Education Group

Level 1 Marine Reader Classroom Pack

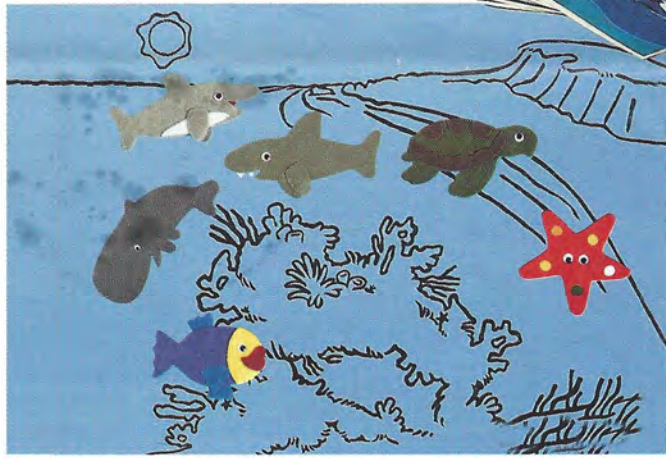
Code PK1 **\$299**



3 big books

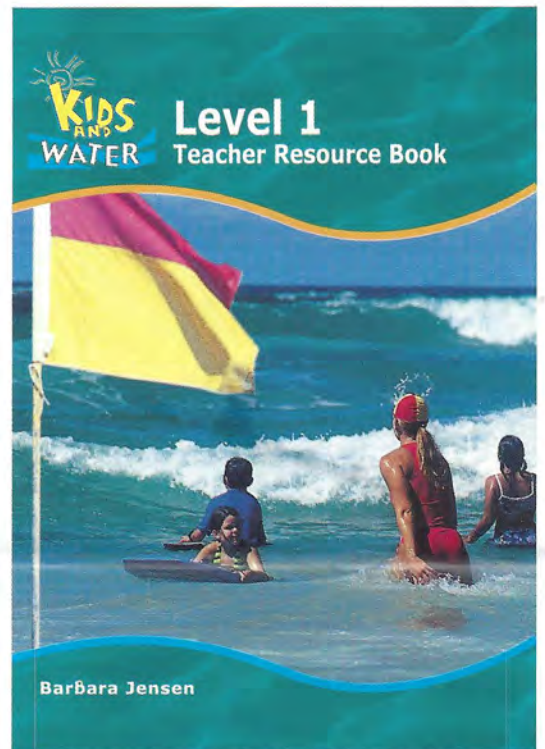


24 readers



Felt background and marine mob characters

3 listening post tapes



32 page teacher resource book

PK1 includes:

- ✓ **24 readers** 8 copies of each of the following 3 titles (with glossary). Each full colour book 16 pages.
 - Everyone Likes the Sea** - Compares activities adults like doing with those children may like. Surfing, exploring, fishing, sailing.
 - Sea Creatures** - Introduces some sea creatures - shark, dolphin, whale, sea star, turtle + aboriginal sea paintings.
 - At the Beach** - Contains key messages about safety and conservation at the beach.
- PLUS**
- ✓ **3 big book readers** to match the three readers.
- PLUS**
- ✓ **Marine Mob Felt Set** - Set of 7 lovable characters introduce sea creatures from the big books. The children use the characters to extend their knowledge of marine life conservation and personal water safety.
- ✓ **Marine felt background** - Colourful multi-use background depicting marine scene of beach, open ocean and reef.

PLUS

- ✓ **Teacher Resource Book** 32 page, copyright free masters for use with felt background and readers.
- PLUS**
- ✓ **3 audio tapes** - Professionally read, sea sounds tell children when to turn the page, describes the title page and table of contents. Each tape about 10 minutes.

Real Life Australian Readers





Level 2 Marine Reader Classroom Pack

3 big books



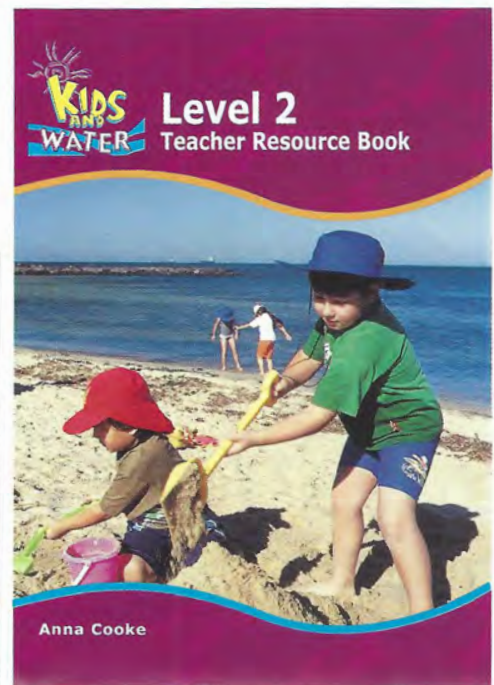
24 readers

44 page Australian guide to seashores

Code PK2 \$299



Magnetic marine food chain set



54 page copyright free teacher resource book

Outcome statements for each activity

Activity	KLA	Outcomes
1 Picky rock pools - p23	English Health & PE	WRITING - 2.9 Write and explain and factual texts which include some related ideas about factual topics. SAFETY - 2.12 Explain and demonstrate options to improve personal safety and the safety of others.
2 Beach behaviours - p24	Mathematics Health & PE	MEASUREMENT - 2.21 Locate and measure events on time, beginning to read similar clocks and calendars. SAFETY - 2.12 Explain and demonstrate options to improve personal safety and the safety of others.
3 Hired treasures - p25	English Health & PE	READING AND VIEWING - 2.8 Compare and retell meanings from visual texts with predictable narrative structure. SAFETY - 2.12 Explain and demonstrate options to improve personal safety and the safety of others.
4 Guide what happens - p26	Health & PE The Arts	SAFETY - 2.12 Explain and demonstrate options to improve personal safety and the safety of others. Drama - 2.4 Use improvisation and imagination to make drama, 2.7 Make choices about their characters and responses from a dramatic work.
5 Safe sentences - p27	English Health & PE	WRITING - 2.9 Write brief imaginative and factual texts which include some related ideas about factual topics. SAFETY - 2.12 Explain and demonstrate options to improve personal safety and the safety of others.
6 It's a... - p28	English Health & PE	WRITING - 2.9 Write brief imaginative and factual texts which include some related ideas about factual topics. SAFETY - 2.12 Explain and demonstrate options to improve personal safety and the safety of others.
7 My own story - p29	English SCIE	WRITING - 2.9 Write brief imaginative and factual texts which include some related ideas about factual topics. PLACE AND SPACE - 2.8 Describe how people can cooperate to care for places of significance.
8 Learn from the beach! - p30	Health & PE SCIE	SAFETY - 2.12 Explain and demonstrate options to improve personal safety and the safety of others. PLACE AND SPACE - 2.8 Describe how people can cooperate to care for places of significance.

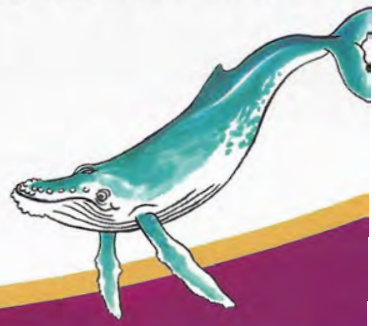
PK2 includes:

- ✓ **24 readers** 8 copies of each of the following 3 titles (with title page, contents page and glossary).
Fun by the Sea - Fun things include: snorkelling, sailing, surfing, building sand castles, exploring rock pools - Introduces contents page.
Working at Sea - Boat crew, marine scientists, divers, scientists, water police, sailors, navy.
Be Safe at the Beach - Key messages swim between the flags, make sure you can swim, call out for help, don't pat dogs.
- PLUS**
- ✓ **3 big book readers** to match the three readers.
- PLUS**
- ✓ **3 audio tapes** - Professionally read, sea sounds tell children when to turn the page, describes the title page and table of contents. Each tape about 15 minutes.



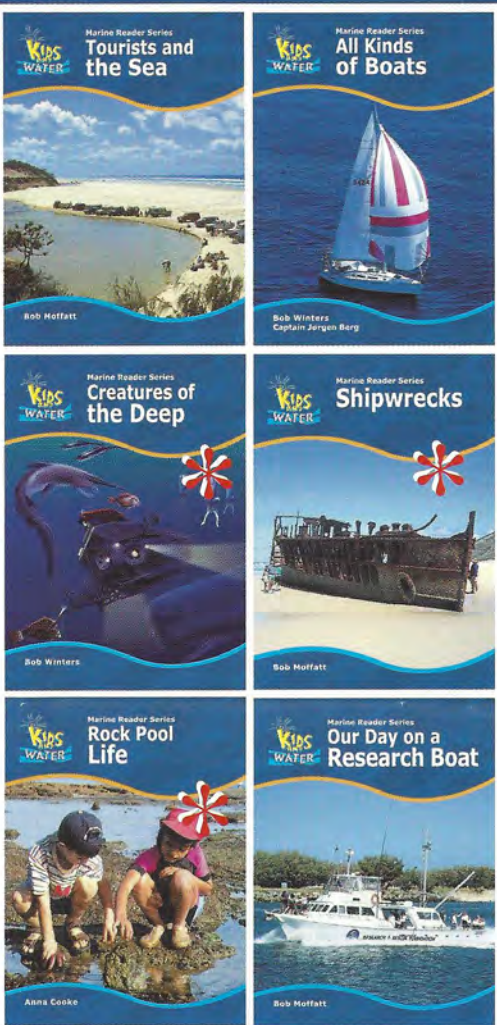
PLUS

- ✓ **Magnetic Marine Food Chain** - Set of 6 marine food chain figures with magnets on back - whale, sun, phytoplankton, zooplankton, krill, fish (Board not included).
- PLUS**
- ✓ **Australian Guide to Seashores** - 44 page full colour reference book on marine life.
- PLUS**
- ✓ **54 page Teacher Resource Book** with 48 classroom activities. Each activity has learning outcome specified.



Level 3 Marine Reader Classroom Pack

\$299
Code PK3



Sea anemones

Sea anemones can be found stuck to rocks or in the sand. Sticky tentacles surround a sea anemone's mouth. That is what a sea anemone uses to catch food.

These scorpions also have stinging cells that can paralyse small crustaceans. The stinging cells protect the sea anemones from animals that want to eat them.

What happens to sea anemones when water in the rock pool dries up?



Limpets

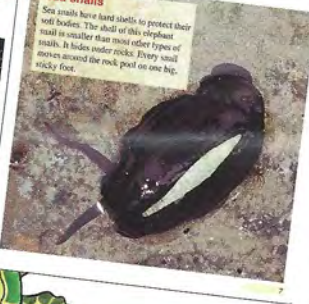
Limpets live on the tops and sides of rocks. A limpet's shell covers its whole body when it needs protection. The empty shell looks like a saucer when it's turned over.

A limpet's tongue is called a radula. It is covered with teeth, like a rasp. The limpet scrapes seaweed from the rocks with its tongue.



Sea snails

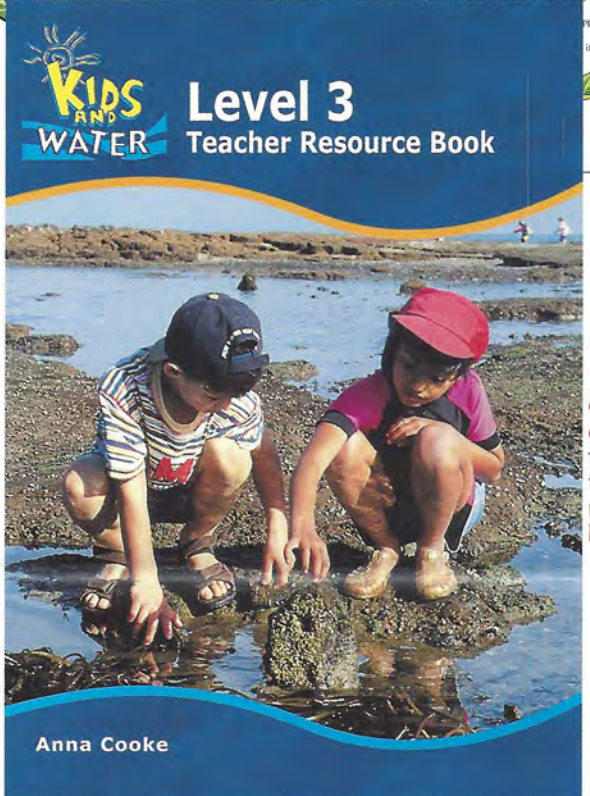
Sea snails have hard shells to protect their soft bodies. The shell of this slipshank snail is smaller than most other types of snails. It hides under rocks. Every small stone around the rock pool on one big, rocky face.



Glossary

anchor	heavy object tied to a boat that stops it from drifting
cable	a metal rope
chart	a special map used on a boat or ship, used to mark a position or course at sea
crew	the people who work on a boat
earmuffs	equipment placed on the ears to protect them from loud sounds
engineer	person who designs and fixes equipment
fog	clouds touching the ground
marine biologist	person who studies the life in the sea
marine radio	a radio that can be used to speak to other radios on other boats
PFED	Personal Flotation device. Safety equipment people wear to help them float in water.
plankton	tiny plants and animals that float in the water
pollution	things that make the air, soil or water unhealthy for people, plants and animals
radar	a way of bouncing sound waves off things so you know their location
research	investigating interesting things about our world
safety equipment	things that help us remain safe
scientist	person who studies interesting things about our world
skipper	person in charge of a boat
sunscreen	a cream that protects the skin from the sun
ultraviolet	one of the rays of sunlight that damages the skin
wharf	a place where boats can go on and people can get on and off

60 readers - Great value



64 page copyright free teacher resource book

PK3 includes:

✓ **60 readers** 10 copies of each of the following 6 titles (with title page, contents page and glossary). Each book 16 full colour pages.

Tourists and the Sea - What tourists and their families do when they go on holidays.

All kinds of boats - Bulk carriers, ferries, jet skis, yachts, oil tankers, cruise liners.

Rock Pool Life - Animals and plants that live in rock pools. Includes safety and conservation issues.

Creatures of the Deep - Amazing illustrations of deep sea animals.

Shipwrecks - What are shipwrecks, how they happen, what treasures they contain and how they are conserved?

Our Day on a Research Boat - Students meet the crew of a research ship who talk about safety and conservation.

PLUS

✓ **64 page Teacher Resource Book** with 48 classroom activities. Each activity has learning outcomes specified.



Now available as big books

Real Life Australian Readers



Level 3 Extension Kit

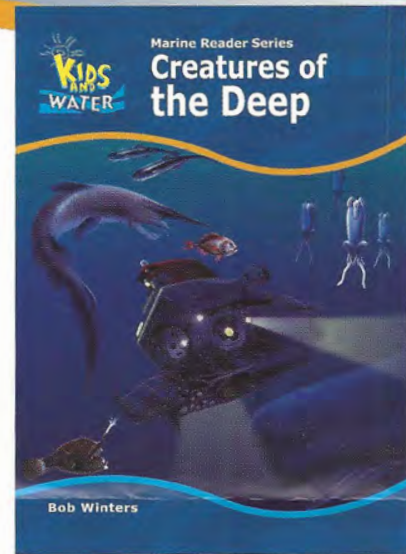
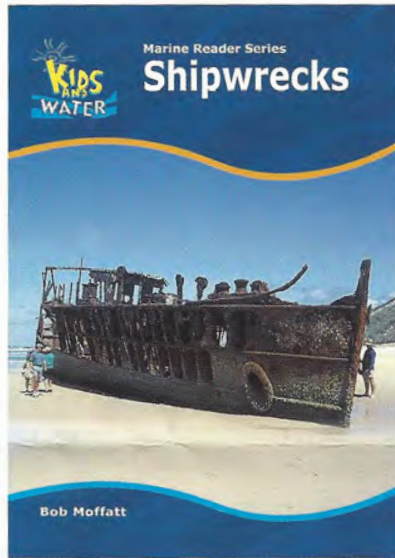
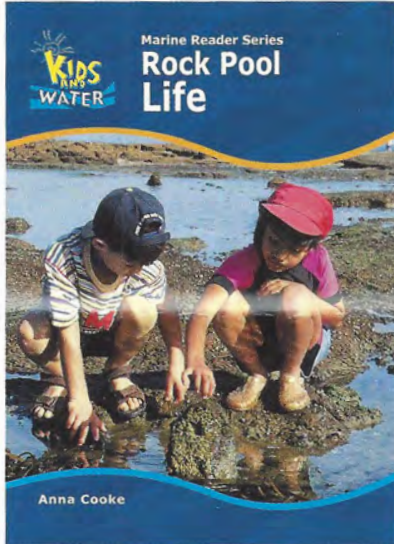
Due to popular demand, three of the Level 3 readers are now available as big books

New

\$199

Code PK3X

✓ **3 big books**



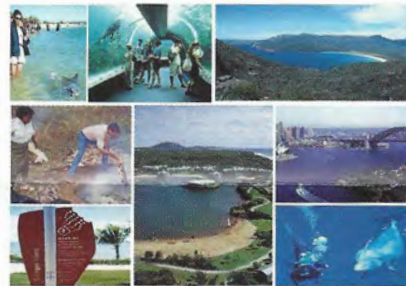
✓ **8 Sea creature posters**

A set of rock pool animal posters to allow students to apply what they have learnt from the big book.



✓ **8 Tourism posters**

Students can extend concepts from the *Tourists and the Sea* reader eg: Settlement Patterns



In some cases not all of the poster is shown.

✓ **8 Boats posters**

Encourages students to extend and apply their ideas on the *All Kinds of Boats* reader eg: transportation



Web supported

✓ **24 Web Fact Sheets**

Each poster is supported by activities and fact sheets on a passworded web site

<p>Ferries Ferry boats are used to transport people and goods across bodies of water. They are a common mode of transport in coastal areas.</p>	<p>14</p>	<p>Description of poster</p>
<p>Car ferries Some ferries carry cars and trucks. They have lanes for cars and trucks to travel in Queensland.</p>	<p>Activities 1. Think about why the car of the web site helps to look a hyperlinked site a ferry. Think where you see to go and how much it will cost. 2. How many ferries are there in Queensland?</p>	<p>Suggested activities</p>
		<p>Other related ships</p>
<p>Web references 1. http://www.qlld.com.au/transportation 2. http://www.qlld.com.au/transportation 3. http://www.qlld.com.au/transportation</p>	<p>Research information</p>	<p>Further web references</p>
<p>Answers to questions from reader 1. Why do car ferries need to move in either direction? 2. What are the advantages of car ferries?</p>	<p>Answers to questions from the reader</p>	

You can check out these fact sheets as well as the posters on our web site:
www.wetpaper.com.au/poster

Call Bob or Paula on (07) 5525 6122 for a free password to view the poster web page.

Each poster 350mm x 500mm

www.wetpaper.com.au/poster

PK3X comes with two free Activity Booklets for extension activities



Level 4 Marine Reader Classroom Pack

\$299
Code PK4



60 readers - Great value

PK4 includes:

✓ **60 readers** 10 copies of each of the following 6 titles (with title page, contents page and index). Each full colour book 16 pages.

Let's Go Sailing - 2 children experience their first sailing lesson.

Food from the Sea - Describes a variety of seafood and how it is caught.

Classification and Survival - Animals and plants that live in rock pools. Includes safety and conservation issues.

Sea Creatures at Risk - Characteristics of marine animals and plants that help them survive in the sea.

Better Boating Behaviour - Boat safety issues, equipment and safety for children when they go boating.

Don't Mess with the Sea - Marine pollution and conservation measures being taken by people who live near the sea.

PLUS

✓ **64 page Teacher Resource Book** with 48 classroom activities. Each activity has learning outcomes specified.

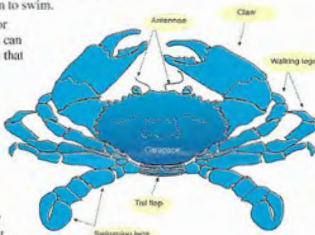
Crabs

Crabs are crustaceans with 10 legs but the front pair are usually very powerful nippers. A crab's tail is very small and tucked under its body. Its antennae are short and many crabs have eyes on long stalks. Most crabs prefer to walk rather than swim. Some do have legs that look like paddles that help them to swim.

Crabs often hide under rocks for protection. Many smaller crabs can bury themselves in sand. Crabs that live along the beach and mudflats sometimes feed on dead and rotting animals.

All crabs have gills to get oxygen from water. As long as they are damp, many can survive out of the water for hours.

Some male crabs have interesting moating rituals. They wave their large nippers to fight other male crabs and attract females.



Mud crab

Preventing litter and pollution

To keep our cities healthy for people all our waste must be properly disposed of.

Oil from the car can be taken to recycling stations and other household items can be recycled in household rubbish bins.

Plastics, glass, paper, cardboard, newspapers and cans are all able to be recycled.

We can prevent much litter at the beach by placing rubbish in bins that are bird proof. The best way to prevent litter is to reduce what we use. Can you think of ways to do this?



If you cannot take your rubbish home, put it in a bird proof bin.

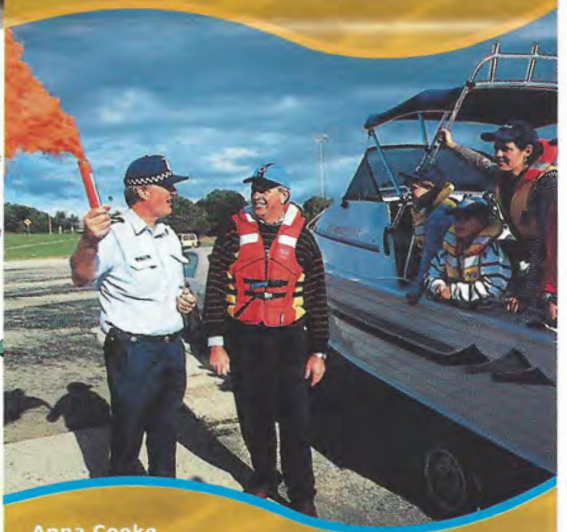
Oil can be recycled at the rubbish tip

Why are wheelie bins better than garbage bins at busy city beaches?

Can oil be recycled in your city or town? If so, where?



Level 4
Teacher Resource Book



Anna Cooke



Real Life Australian Readers

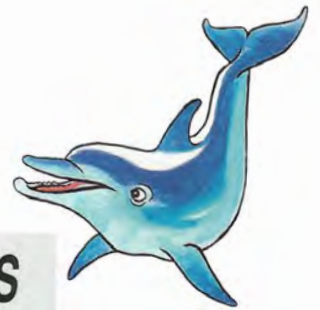
Teacher resource book contains 48 engaging and innovative classroom activities. Copyright free



Starter kit available

\$99

Code **PKS**



One copy of each reader 1-18. Includes gst (add \$11 freight)

Customised kits also available on request:
Telephone Bob or Paula on:

(07) 5525 6122

Check it all out on the web:

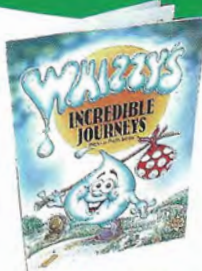
www.wetpaper.com.au/kids&water

Level 1 WaterWise School Kit

\$69

Code **PW1**

Incl gst plus \$15 pack and post



40 page big book



Set of 3 black & white readers from big book

28 page early childhood teachers guide



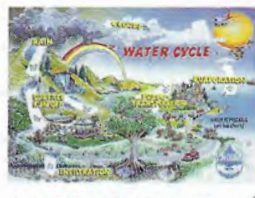
44 page teachers guide - Outcomes for all major curriculum areas



100 page copyright free, blackline master set



Sheet of cut out felts allows children to retell big book story



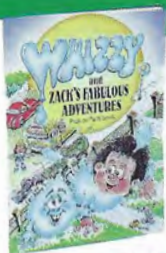
840x580 wall poster of the water cycle

Level 2 WaterWise School Kit

\$69

Code **PW2**

Incl gst plus \$15 pack and post



40 page big book
More whizzy stories about how water is used



Set of 3 black & white readers from big book



100 page copyright free, blackline master set



Multicultural reader set



80 page teachers guide



840x580 wall poster

Sponsored by:



Australian and New Zealand Safe Boating



It's about safety and conservation

Reward Pack

\$55
Code **PK6**

Free with every purchase over \$299



Wuppy web sites

Set of pencils and case

Rulers

Key ring

Stick it notes

Beach thrower



Badge



60 merit stickers



Contents

Over 130 items including: 26 page+ booklet of ideas, 60 merit stickers for great work, 60 Conservation & Safety certificates, 30 slogan stickers for class discussion, Beach thrower, Pencil case and pencils, 4 computer web site wuppies, 2 rulers for measuring marine life, Key ring and stick it notes, Seaweed and conservation posters, Government information packs and brochures. Free items subject to availability)

It's about safety and conservation

Wet Paper Kids & Water School Order Form

Prices valid till 30 December 2002:

Name _____
 School _____
 Address _____
 State _____ Code _____



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Publishers and Consultants

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Phone (07) 5525 6122

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Order No: _____

Supply of items on credit to schools only with official school order number.



Please phone us on (07) 5597 2806 for special school orders. Yes we do inspection copies but ask that you pay for return postage on goods you do not require. We will cover postage to you.

Code	Title and summary details. (Please ring us for details on prices for customised packs or individual items)	Number required	Price
PK1	Early Childhood Classroom Pack Level 1 Classroom Pack: (33 items include gst) 8 copies of Book 1 – <i>Everyone likes the Sea</i> ; 8 copies of Book 2 – <i>Sea Creatures</i> ; 8 copies of Book 3 – <i>At the Beach</i> , One copy of each of the Big Books 1-3; Three tapes of Books 1-3; 7 marine mob felt characters; 1 marine felt background; One copy of 32 page Level 1 Teacher Resource Book with 7 copyright free activities		\$299 <i>See below for freight</i>
PK2	Lower Primary Classroom Pack Level 2 Classroom Pack: (33 items include gst) 8 copies of Book 4 – <i>Fun by the Sea</i> ; 8 copies of Book 5 – <i>Working at Sea</i> ; 8 copies of Book 6 – <i>Be Safe at the Beach</i> ; One copy of each of the Big Books 4-6; Three tapes of Books 4-6; One copy 44 page <i>Australian Seashore Life</i> , Set of 6 Marine Magnet Food Chain. One copy of 54 page Level 2 Teacher Resource Book with 36 copyright free activities		\$299 <i>See below for freight</i>
PK3	Middle Primary Classroom Pack Level 3 Classroom Pack: 10 copies of each of the following readers: (61 items include gst) Book 7 – <i>Tourists and the Sea</i> Book 8 – <i>All kinds of Boats</i> Book 9 – <i>Rock Pool Life</i> Book 10 – <i>Creatures of the Deep</i> Book 11 – <i>Shipwrecks</i> Book 12 – <i>Our Day on a Research Boat</i> 1 copy 64 page Level 3 Teacher Resource Book with 64 copyright free activities and national statements and profile outcomes.		\$299 <i>See below for freight</i>
PK3X	Middle Primary EXTENSION KIT Level 3 Extension kit : (29 items include gst) 24 Posters 8 Sea creature posters on Christmas Tree Worm, Nudibranch, Fish, Shell, Coral, Starfish, Sea Dragon and Crab 8 All kinds of boats depicting Rescue, Sailing, Rowing, Bulk Carrier, Ferry, Cruiser Power Boat, Jet Ski and Endeavour 8 Tourism posters showing Dolphin with diver and ranger, Wineglass Bay, Sydney, Resort, Safety Sign, Indigenous people 3 Big Books Readers 9, 10 and 11 from the level 3 set (PK3) have been made into big books 2 Reference Books used by High School Teachers with many activities that can be modified for Primary School eg how to tie knots		\$199 <i>See below for freight</i>
PK4	Upper Primary Classroom Pack Level 4 Classroom Pack: 10 copies of each of the following books: (61 items include gst) Book 13 – <i>Let's Go Sailing</i> Book 14 – <i>Food from the Sea</i> Book 15 – <i>Classification and Survival</i> Book 16 – <i>Sea Creatures at Risk</i> Book 17 – <i>Better Boating Behaviour</i> Book 18 – <i>Don't Mess with the Sea</i> 1 copy 64 page Level 4 Teacher Resource Book with 64 copyright free activities and national statements and profile outcomes.		\$299 <i>See below for freight</i>
PKS	School marine reader starter kit One copy of each 16 page full colour reader listed above: (18 items include gst)		\$99 <i>See below for freight</i>
PW1	Exploring the water cycle Lower primary school WaterWise Australia Kit		\$69 <i>See below for freight</i>
PW2	How Water Gets to Your Tap Lower primary school WaterWise Australia Kit		\$69 <i>See below for freight</i>
Other	From our web site or other catalogues		



Reward Packs
All orders over \$300 receive a free \$55 reward pack.

I accept the conditions of sale

Signature of person placing order

Date

Conditions of sale

*Prices valid to 30 December 2002. Availability and freight costs are subject to change. Items indicated will be supplied. Payment to accompany order unless official school order used. Inspection copies are for 7 days. Wet Paper will pay the packing and post to you, however we ask that you help us keep our prices down by paying for return freight. Terms of trading 14 days. Freight charges are subject to change without notice. Faxed orders are treated as firm sales. If sending original order please mark it as confirmation order. Credit is extended on official school order only. ALL ITEMS AND FREIGHT PRICES INCLUDE GST. To calculate gst on prices divide by 11.

Freight charges

Orders up to \$100	\$11
Orders up to \$300	\$17
Orders up to \$600	\$22
Orders up to \$900	\$33
Orders over \$900	\$44



It's about safety and conservation

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Freight: _____

Total: _____

A National Marine Education Program

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**Marine Teachers
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