

BIBLIOGRAPHY AND RESOURCES...

A bibliography for permaculture community educators

Permaculture Paper No. 2 — Autumn 1997

The overall aim of schoolground landscaping is to create conditions that allow a comfortable and stimulating physical environment, good social interaction, safety, security, freedom of expression through play and interesting educational opportunities...

people are the most important part of any landscaping project undertaken in a school... whilst funding and plans are essential and knowledge gained from books is valuable, a hands-on project such as school landscaping depends largely upon the initiative, drive and skill of a teacher, parent or volunteer who is willing to co-ordinate the project from planning stage through to the implementation of the plan...'

Grounds for Learning (a practical guide to schoolground use and development)... Victorian Schools Nursery



Activities and Games

Brain Gym

Dennison, Paul; Edu-Kinesthetics Inc; Ventura, USA. 39pp. Australian contact: Barry Summerfield, Coffs Harbour, NSW.

Using Kinesthetics to enhance learning.

Creative Visualisation With Children

Day J, 1994; Jacaranda Wiley Ltd; Brisbane. 112pp.

A how-to book with plenty of ideas for using the imagination. Structuring a session, creative movement, yoga, stretching, isometrics, dancing, breathing, centring, meditation, creative visualisation. Includes text for use in visualisations focusing on nature, goal setting, problem solving, friends and family, self-mastery (emotions, concerns) and global awareness.

Earth Child

Sheehan K, Waidman M, 1991, 1994; Council Oak books; Tulsa USA.

English in the School Grounds

Keaney, Brian, 1993; Southgate Publishers Ltd, Glebe House, Church Street, Crediton, Devon EX17 2AF. available from Learning Through Landscape Trust, 3rd floor, Southside Offices, The Law Court, Winchester, Hants, SO23 9DL.

Includes stories, poetry drama, language - activities and background information.

Environmental Activities for Infants

Gould League; Victoria.

Activities about understanding the local environment for lower grades - the sea, the school, classrooms and schoolgrounds, parks, trees, winter.

Everyone Wins!

Luvmour Josette and Sambhava, 1990; New Society Publishers, Philadelphia, USA.

Over 150 co-operative games and activities selected to help children to resolve conflict, enhance communication, build self-esteem, appreciate nature, laugh with each other, be creative and have fun together.

In Touch

Macfie, Cathy & Monaghan, bob, 1989; Longman Cheshire, Auckland.

Environment awareness activities for teachers, leaders and parents. Topics: using our senses, plants, insects, animals, pond ecology, seashores, time.

Just Imagine

Crook S, Farmer B, 1996; TAFE Publications, 1996; Collingwood 3066 Australia.

Creative play experiences for children under six. Simple playthings and creative play using natural materials.

Mathematics in the School Grounds

Rhydderch-Evans, Zoe, 1993; Southgate Publishers Ltd, Glebe House, Church Street, Crediton, Devon EX17 2AF. available from Learning Through Landscape Trust, 3rd floor, Southside Offices, The Law Court, Winchester, Hants, SO23 9DL.

Includes numberwork in school grounds, measurement, shapes and space, data work - activities and worksheets.

Contents...

Activities and Games	19
Ecology	20
Education	21
Environmental Education.....	22
Gardening	23
Landcare	24
Music	25
Outdoor Education	25
Permaculture	25
School Design	26
Science	26
Simulation Games	27
Soils	27
Stories.....	28
Waste and Recycling.....	28
Journals/ Newsletters	28
Posters	29
Videos.....	29
Contacts	31

Nature's ABC

Hart S; via Afrika Ltd (Eco-Link,
727 White River, 1240, South Africa)

Children's book about nature with each letter starting a new topic. eg D for desert; F for fish.

Teaching Kids to Love the Earth

Herman ML and others, 1991;
Pfeifer-Hamilton, USA.

Background information and activity book on curiosity, exploration, discovery, sharing and more.

The Indispensable Honeybee

Aloe Educational; Johannesburg, South Africa.
(Available through Eco-Link.
727 White River 1240, South Africa).

Series of eight small booklets of background reading and activities.

The Living Forest

Gilchrist G, 1985; Dawn Publications,
14618 Tyler Foote Rd, Nevada City CA 95959.

An audio tape of six guided adventures to help children aged 5-9 touch the wonder of nature and the magic of their own imaginations. Promotes friendship, courage, calmness and creativity.

The Outdoor Classroom

Kearney B, Lucas B; Scholastic Ltd, 1992;
Warickshire, UK.

Activities and games for English, maths, science, history, geography, art, music.

We Can Do That

Gould League, Victoria. A4 60pp.

Compiled by the Victorian Education Council, this book investigates projects which serve as inspiration and ideas for schools and local communities: communal composting, landcare, energy conservation, wildlife rescue.

Winners All

Pax Christi, 1980; Francis of Assis Centre,
London.

Co-operative games for all ages with material sourced from For the Fun of It and A Manual on Nonviolence and Children by the Nonviolence and Children Program, Friends Peace Committee, USA.

Ecology

After the Bushfire

National Parks and Wildlife Service, 1983;
NSW.

Lesson suggestions, teachers information sheet masters and children's information sheets about bushfire ecology.

Ecofocus Rainforest Investigations

Gould League, Victoria. A4 44pp.

Uses rainforest to introduce teachers and students to procedures for investigating

ecosystems. Activities to carry out at school and in local bushland reserves. Cross-curricula program for students from P-6. Integrates environmental education and key learning areas. Covers habitat adaptation, diversity, change, interrelationships, resources, conservation, recycling.

Exploring Animal Issues - Vol. 4 No. 4

Gould League of NSW; Sydney.

A broad range of issues affecting the welfare of animals.

Feral Peril

Gould League, Victoria. A4 16pp.

Student activities, teaching strategies about introduced and feral animals.

Freshwater Invertebrates

Miller, Ralph, 1983, reprinted 1996; Gould League of Victoria Inc., Victoria, Australia.

This book has been reprinted due to an overwhelming demand from teachers, students, streamwatch and waterwatch groups and the general community. The book is ideal for the scientifically minded amateur, teacher or senior student. It allows freshwater invertebrates to be keyed out and checked against an illustration. It then provides fascinating and informative text about the animal you have discovered. The key deals with macroscopic, free living forms. The only optical aid needed is a hand lens or a low-power binocular microscope. Includes colour plates, section on collecting and nomenclature and a glossary.

Going Bush - understanding, restoring and recreating indigenous bushland

Gould League, Victoria, Australia.

A practical guide for teachers who want to be involved in caring for local bushland remnants but who do not know where to start. Covers: finding out about site history, past vegetation, problems on site, ownership, growing local plants from seed, project maintenance. Suitable for class and school projects.

Mastering Seashores

Mackness B, 1990; Dellasta pl, Victoria. 61pp.
Drawings.

Teacher's guide for introducing students to Australia's seashores and their life.

Mastering the Bush

Mackness B; Dellasta pl, Victoria. Drawings.
A guide to the bush and its life.

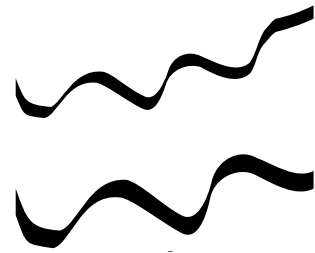
Mastering the Rainforest

Mackness B, 1989/1991; Dellasta pl, Victoria.

Teacher's guide to east coast rainforest and its structure.

My First Green Book

Wilkes A, 1991; Hodder and Staughton.
Available: Dorling Kindersley Ltd,

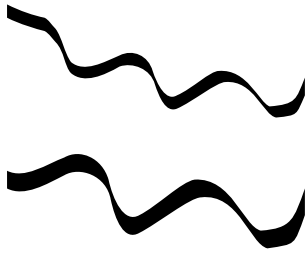


Information is the
critical potential
resource.

It becomes a
resource only
when obtained
and acted
upon...

...Bill Mollison,
co-developer of
permaculture





Words, sounds, symbols and pictures have no meaning of their own. It is people's perceptions which give them meaning. These perceptions are based on past experiences and expectations...

*Peter Mortiss,
Extension for Rural
Change (Department
of Primary Industries,
Queensland 1993)*



9 Henrietta St., London W12E 8PS. or
Hodder & Stoughton P/L, 109-16 South Street,
Rydalmere 2116 Australia.

Guide to caring for our environment. Activities include water testing, making a wildlife garden, campaigner's kit, green diary.

Playing for Keeps, Environmentally Responsible

Gordon Technical College, 1993;
Elanor Curtain Publishing, 906 Malvern Road
Armidale 3143 Australia.

Preschool planning – encourages healthy eating, enjoyable play, responsible water use and other factors.

Ponding

Wallis, W, 1992;
Gould League of Victoria Inc., Prahran.

Pond ecology activities for local lakes, ponds and puddles.

Save the Earth - an Ecology Handbook for Kids

Knopf, Alfred A, 1974; New York.

Background reading and activities on land, air, water and how-to sections.

Sowing the Seeds for Change

Greening Western Australia, 1992; Perth.

Teacher instructions and students worksheets in plants and animals, water, biological field studies and ecology. Two ring binder format for secondary science students.

The Decade of Destruction

Central Independent Television,
Worldwide Fund for Nature, 1991.
Teaching kit - booklets in folder plus video.

The theme is the destruction of the Amazonia rainforest during the 1980's.

Wetlands

National Parks and Wildlife Service, 1994;
Sydney.

Teachers kit consisting of resources, posters, craft ideas and games.

Who Did That?

Bruce J; Kangaroo Press, Sydney. 32pp.
Drawings.

Illustrates scat and tracks left by Australian animals.

Wildtracker Activity Book

Bryant D; Hodder and Stoughton,
New Zealand.

Also in series: Watch It; Save It; Grow It; Enjoy It. Activity books inspired by Television New Zealand's natural history program Wildtrack .

Introduces children aged 7 to 11 to natural environments and their inhabitants and encourages them to be actively curious about the natural world. The emphasis is on appreciation, conservation and enjoyment.

Worms Eat Our Garbage

Activities on worms and worm composting, environment and natural resources helping children develop language, maths, problem solving and critical thinking skills.

Companion to the book *Worms Eat My Garbage*, Appelhof M; Flower Pres;, USA; 1992.

Available in Australia from Gould League.

Ecofocus – Rainforest Investigations

Gould League

Uses rainforests to introduce students to procedures for investigating ecosystems. A range of activities useable local bush reserves, outdoor settings and at school.

Education

A Model Primary environmental Education Program

The Gould League of victoria.

A complete school approach, South Primary School. Includes: aims, objective, program overview, co-ordination, summary, resources, the program for each grade.

Arts and the Environment

Gould League, Victoria.

For teachers integrating dance, drama, art, craft, music. Hands-on activities to reinforce environmental concepts, clarify values and attitudes and express ideas. For years 3-8 and adaptable to lower primary and middle secondary levels.

Blueprint for Greening Schools

Gould League, Victoria. A4 112pp

Case studies of schools developing environmental education and ideas for the greening of schools. Policy, management practices, environmental education in the curriculum, student involvement in inquiry-based studies.

Despair and Personal Power in the Nuclear Age

Macy J, 1983; New Society Publishers, USA.

Despair and empowerment work with individuals, groups and children.

Environmental Education Professional Development

Gould League, Victoria. A4 108pp.

Five modules plus appendices to assist schools implement environmental education.

New-look Mathhasedi

Institute of Education, University of Botswana, Private Bag X2046, Mmabatho 8681, South Africa.

Education and development forum for and from the rural periphery. Stories on schools and teacher education.

**No Contest, the cast against competition
- why we all lose in our race
to win**

Alfie Kohn

This book discusses ideal learning environments and structures where children can facilitate each others progress. Everyone has an interest in the group as a whole learning. Excellent final chapter on co-operative learning.

Serious Creativity

de Bono, Edward, 1992; Harper Collins; Great Britain. 338pp.

A book about the understanding of and need for creativity. Techniques, methods and application of creative thinking.

**Special Places, Special People –
The Hidden Curricula of School Grounds**

Worldwide Fund for Nature, 1994; UK.

Research findings, implications for schools, references, resources.

Teaching for the Two-Sided Mind

Williams V, 1983; Prentice-Hall Inc, USA. 213pp.

A guide to right/left brain education to help students balance their thinking skills and develop creative abilities. Techniques for curriculum areas - visual thinking, metaphor, sensory learning, music and more. Elementary to high school.

**The Manual for Teaching
Permaculture Creatively**

Clayfield, Robin and Skye, 1995; Earthcare Education, Lot 58 Crystal Waters, Maleny, 4552, Phone 074 944 707. Email: peg:earthcare.

A comprehensive, looseleaf workbook for teaching permaculture using interactive and creative processes.

Using Both Sides of Your Brain

Buzan T, 1991; First Plume Printing, Australia. 154pp.

Mind mapping - a graphic approach to organising information based on the workings of the human brain. Uses imagery and language as an aid to creative thinking, problem solving, recording information and remembering.

Global Teacher, Global Learner

Pike G, Selby D, 1988; Hodder & Staughton.

Handbook for teachers exploring the theory and practice of global education.

A range of practical activities for primary and secondary students: roleplays, experiential activities and simulations.



Mapping the World

1993; Oxfam, UK.

An innovative approach to map work in geography including various maps, small group activities, information about map projections.

African Society and Development

Oxfam, UK.

A reader for teachers and students focusing on the political and economic development of Africa south of the Sahara. Covers history, development, livelihoods, modern Africa.

Environmental Education

Acclimatization

van Matre, Steve, 1972; American Camping Association, Indiana, USA.

A sensory and conceptual approach to ecological involvement, developing programs in: breaking barriers, gimmicks and techniques, group control, campers report and method of program construction.

Conceptual Encounter I & II

van Matre, Steve, 1972; Institute for Earth Education, PO Box 288 Warrenville, Illinois 60555 USA.

Activities developed for use in Earth Education programs. Adventures in learning ecological principles for ages 13 to 14.

Earth Education: A New Beginning

van Matre S; Earth Education Australia (PO Box 41, St Agnes, South Australia 5097; Institute for Earth Education, PO Box 288, Warrenville, IL 60444, USA)

The author suggests that the environmental education movement has been led astray – trivialised by mainstream education, diluted by people with other agendas, co-opted by the very agencies that have contributed so much to the problems.

This is a hard-hitting look at environmental education and is full of alternatives.

Sharing Nature With Children

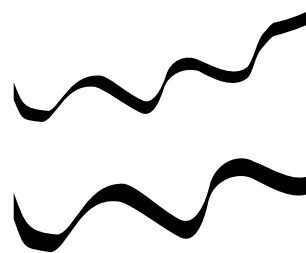
Cornell J, 1979; Dawn Publications; California. 138pp. B and W photos, drawings.

Using the senses to create nature awareness in children.

Sharing the Joy of Nature

Cornell J, 1989; Dawn Publications; California. 138pp. B and W photos, drawings.

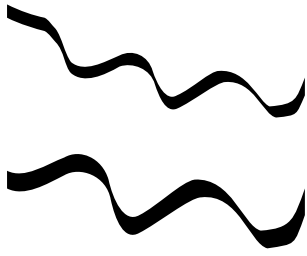
Games and activities for children and adults. Cornell is an innovator in the design of nature education activities for children.



“Permaculture provides a vision that self-abundance is actually possible - it is a positivistic and hopeful vision that we can live in a more reasonable way”

...David Holmgren





In celebration we can incorporate the myths and skills that are important to future generations...

...Bill Mollison
Permaculture - A
Designer's Manual



The Earth Speaks

van Matre, Steve, 1983;
Institute for Earth Education, USA.

Anthology of writings – poems, stories, Earth wisdom etc.

Gardening

A Grower's Guide to Vegetables

Better Homes and Gardens, 1995;
Murdoch Books, Sydney, Australia.

Great pictures and information about plants and planting that kids could use for Australian conditions..

A Kid's First Book of Gardening

Mann, Roger, 1995; Murdoch Books, 213
Muiller Street, North Sydney 2060 Australia.

A good resource book for the children's library.

Arbor Week Activities - Vol. 4 No. 3.

Gould League NSW, 1989; Sydney.

Trees as teaching resource, school environmental plan, activity sheets for prereading to postprimary children.

DIY Conservation - Bringing Countryside Back to Town

Nature Conservation Council, 1984; UK.

Twelve pages of information. A practical conservation pack consisting of: planting trees, looking after your tree, making a woodland, coppicing, planting a hedge, creating a wildlife meadow, digging a pond and more.

Earthworks - An Adventure in Gardening for Teachers & Children

Knight T, 1992; Macmillan Education Australia, Crows Nest, NSW.

A book on gardening techniques and soil improvement for children.

Food Farming

Walker C; Science Understandings.

Pictures and text for 10 to 15 year olds.

Also in series: The Great Rubbish Mountain; Our Storehouse Earth; Forests Forever; Ecology - Plants and Animals; Our Changing Atmosphere.

Gardening for Children

Swane, Valerie, 1990; Australian Broadcasting Corporation, Crows Nest, Australia.

Good reference book kids research projects into Australia conditions and basic gardening.

Green Thumbs

Carlson, Laurie, 1995;
Chicago Review Press, Chicago, Illinois.

A kid's activity guide to indoor and outdoor gardening. Including activities to develop planting basics, bug sprays, encouraging garden partners, recipes, ideas with herbs, crafts and saving seeds. With a few seeds,

some water and soil and a bunch of great activities, kids can discover the pleasure and importance of working with nature. Overflowing with more than 80 things to do and make.

Growing Naturally - a teacher's guide to organic gardening

Brown, Maggi, 1996; Southgate Publishers.

Topics include: organic gardening, getting started, ground clearing, recycling, compost, pest control, wildlife, vegetables, water.

Growing Native Plants for Education

Powell R, Lake C, 1994; Department of Conservation and Land Management, Western Australia. 25pp. A4.

Establishing native plant gardens in school grounds. Includes list of botanic names of plants and two examples of activities which can be carried out in bushland near schools.

Growing Things

Pavord A, 1982/1984; Macmillan Publishers Ltd, London. 31pp. Drawings.

Packed with ideas for growing plants in rockeries, containers, indoors, in bottles, a salad garden, planting a tree and plants from pips and seed.

Growing With Horticulture

1988/1991; Cambridge University Press, Melbourne. 87pp. Drawings.

Profusely illustrated with explanatory drawings, this is a very useful book of horticultural activities for Australian secondary schools from the Victorian Schools Nursery. Activities include: plant structure and function, seed and fruit structure, reproduction, grafting and division, fern propagation, indoor plants, bonsai, hanging baskets, terrariums, composting, growing vegetables, herbs and herb gardening. Very comprehensive.

Henry Doubleday Organic Handbook Series

Henry Doubleday Research Association, 1991; UK.

Book 1 – Pests and How to Control Them.

Book 3 – Healthy Fruit and Vegetables.

Book 5 – Weeds and How to Control Them.

Hollyhock Days –

garden adventures for the young at heart

Lovejoy S; Interweave Press, 201 East Fourth Street, Loveland, Colorado 80537 USA.

Plans, dreams and garden schemes.

How Does Your Garden Grow

Heinze K, 1985; Five Mile Press, 20 Liddard Street Hawthorn 3122 Australia.

Soils, plants, gardens and maintaining your interest.

Learn and Play in the garden

Herd, Meg, 1996; Hodder & Stoughton, 10-16 South Street, Rydalmere 2116 Australia.

Games, crafts and activities for children. Its entertainment, fun and natural science in one bright book filled with projects for busy preschoolers and primary school children.

Let's Grow Pizza

Taniguchi Foundation 999 East Basse Road, suite 180, San Antonio, TX 78209. USA.

Gardening and art enhancement guide for early childcare educators focusing on environmental education. Stories and activities for developing school gardens.

Sunflower Houses

Lovejoy S; Interweave Press, 201 East Fourth Street, Loveland, Colorado 80537, USA.

Garden discoveries for children of all ages – plants for children, planning gardens, secret places, flower dolls, celebrating Spring.

This is a beautifully illustrated and inspirational book.

The Green Fingers Activity Book

Eldrin P.

For both adults and children. Instructions on pond building, birdfeeders and related things.

Gardening books below available from:

Permanent Publications

Hyden House Ltd., Little Hyden Lane, Clanfield, Hampshire PO8 ORU, England.

Phone: (01705) 596500

Fax: (01705) 595834

Overseas: (int. code + 44 - 1705)

Email: permaculture@gn.apc.org

Atlas of Earthcare

Litvinoff, Miles; Oxfam. 192pp. Fully illustrated.

Covering the ecology, conservation and preservation not only of plants and animals, but also of land, sea, air, cultures and civilisations. A journey from the distant past up to the present day and beyond, the atlas enables children and young adults to form balanced views on how we can replace pollution, poverty and hunger.

Children's Gardening

Please, Peter A; A Horticulture Therapy Publication. 26pp. Illustrations and photographs.

A month by month guide to gardening filled with games and ideas for education and enjoyment. Each month takes a subject and describes a variety of activities and projects to enthuse and inform children about growing and nature. Lots of fun.

Muck & Magic

Readman, Jo; 64pp. Illustrations and photographs.

How to start a natural garden with colourful, simple projects. Over 120 colour photographs and illustrations, combined with questions and quizzes, and projects. Suitable for children aged between 7 and 12 but also a good read for big kids'!

A Child's Organic Garden

Fryer L; 1990; Dove Rural media; Australia.

Growing Into Gardening

McGroarty M, 1993; South Melbourne.

Landcare

Agriculture - How does it affect you?

Vol. 4 No. 6.

Gould League of NSW; Sydney.

How humans change their environment, pest control and the environment and agriculture are themes studied by role play and worksheets for upper primary and secondary class.

Caring for our Country

Landcare Australia Ltd, 1989; Sydney.

A series of worksheets on landcare including a permaculture worksheet.

Catchment Wise - Information for Teachers and Student Activities

Total Catchment Management, 1992; NSW.

Aimed at years 5 - 10.

Learning through Landcare - learnscaping your schoolgrounds Part A & B

Primary DPI Forest Service, 1994; DPI, GPO Box 944 Brisbane 4001 Australia. Phone: (07) 234 0304.

Part A - whole school planning, playground for play, linking to the curriculum, case studies, administration, safety, resources, where to get help.

Part B - mixing gardens and people, caring for your patch of bush, weed awareness, composting, worms, recycling, water conservation.

Lets Clean the Water

EPA), 1989; Sydney.

Exploring water issues through worksheets.

Streamwatch

Sydney Water, 1992; Sydney.

Designed to be used with Streamwatch water analysis kit. This is a ring binder of scientific testing and class activities.

Water Wise (years 3,4) and

Water Care (years 5, 6)

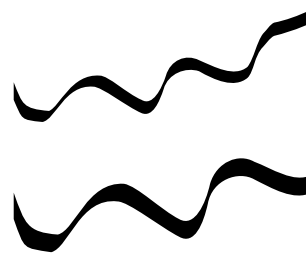
Sydney Water, 1993; Sydney.

Educational kits consisting of teachers notes, students worksheets and videos on water quality. Pollutants, water monitoring, water life and more.

Farm Safety Fun With Giddy Goanna

Brown P, 1995; Giddy Goanna Ltd, PO Box 832, Toowoomba 4356.

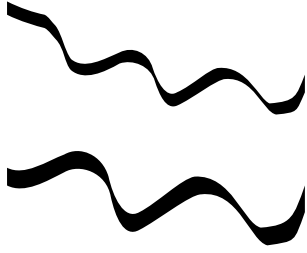
Stories and activities for children in middle to upper primary school.



"Solutions keep repeating themselves - we see continual examples in traditional agriculture"

...David Holmgren





Now children are split into different age groups at school.

This sort of levelling has a very destructive effect.

By artificially creating social units in which everyone is the same age, the ability to help and to learn from each other is greatly reduced.

Helena Norberg-Hodge, 1991; Ancient Futures, Rider.



Music

Environmental Songs

Gould League, Victoria. A4 36pp.

Book and tape for schools. Environmental stimulation by music.

Soils Ain't Dirt

Land and Water Conservation, 1989; Funded by the National Soil Conservation Program.

Book and tape of songs on composting, earthworms, water cycle and more.

Outdoor Education

Bottomless Baggie

Rohnke, Karl, 1991;

Kendall/Hunt Publishing Co, USA.

Adventure games, initiative problems, ropes course construction and implementation, stunts, humour and variations.

Cowtails and Cobras II

Rohnke, Karl, 1989;

Kendall/Hunt Publishing Co, Iowa. 210pp.

A guide to games, initiatives, ropes courses and adventure curriculum.

Outdoor Education

Education Department of South Australia, 1978.

Activities and games from Kindergarten to Year 7. Group activities night activities, environmental awareness, map and compass, nature science, adventure, art and craft, campfire cookery, resources.

Silver Bullets

Rohnke K; Kendal Hunt, Iowa, USA.

A guide to initiative problems, adventure games, stunts and trust activities.

Permaculture

Permaculture books below available from:

Permaculture International

PO Box 6039, South Lismore 2480. Australia.

Phone: Int. +61 +(0)66 220020

Fax: Int. +61 + (0)66 220579 52

A Children's Food Forest

Nuttall, Carolyn, 1996; 72pp. Illustrations by Mary-Anne Cotter.

An important book about a successful permaculture food forest at Seville Road State School (Australia). Valuable information on how to set curricula for food forest development. Carolyn explains how she and her students turned the food forest project into a rich learning experience with great classroom activities.

Earth User's Guide to Permaculture

Morrow, Rosemary, 1993; Kangaroo Press, Sydney Australia. Illustrations by Rob Allsop.

An informative and practical guide to permaculture. Includes exercises and

real life examples. Learn how to design a permaculture system on your land, whether it is an inner city balcony, a garden in the suburbs or a farm in the country. Also available from green Harvest (Australia) Permaculture Publications (London) see video section for contact details.

Getting Started in Permaculture

Mars, Ross and Jenny, 1994; Candelight Trust, 100 Falls Road, Hovea 6071 Australia. 60pp. Illustrations and photographs.

A very practical book with clear diagrams and explanations of how to set up a permaculture garden, make earthworm farms, recycle materials etc. Sections on basic philosophy of permaculture throughout the text.

Also available from Permaculture Publications see video section for contact details.

The Basics of Permaculture Design

Mars, Ross, 1996; Candelight Trust, 100 Falls Road, Hovea 6071 Australia. 170pp. Illustrations and photographs.

Includes a section on permaculture in schools. Starts with general principles and goes on to very practical sections.

Also available from Permaculture Publications see video section for contact details.

The Manual for Teaching Permaculture Creatively

Clayfield, Robin and Skye, 1995; Earthcare Education, Lot 58 Crystal Waters, Maleny 4552 Australia. Phone 074 944 707. Email: skye@ozomail.com.au

A comprehensive, looseleaf workbook for teaching permaculture using interactive and creative processes.

You Can Have Your Permaculture and Eat It Too

Clayfield, Robin, 1996; Earthcare Education, Maleny Australia. Illustrations.

A wonderful book bringing permaculture back to the kitchen. Crammed with useful how-to information. This book makes an important link between the Permaculture home garden and preparing nutritious, life sustaining food. From making your own tofu and cosmetics, to cooking in bulk and menu planning this book has it all.

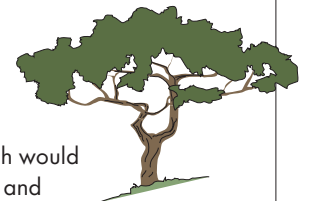
School Design

Eco School

World Wide Fund for Nature, UK. 69pp. A4.

B and W photos, diagrams, drawing.

Encourages students to plan, draw and model a school which would be good for its users and



the environment. Divided into ten sections corresponding to different parts of the school. Teachers notes, student activities. Aimed at upper primary and lower secondary students in UK schools and used in national curriculum in mathematics, english, arts, humanities.

Environmental Nature Trail, Stations and Activities

Tribe D; Gould League of NSW.

Developing a nature trail in schools and activities such as senses, litter, landuse.

Pond Design Guide for Schools

Flatt G; Hampshire Books, Wheaton Publishers.

Schoolground Design - Grounds for Learning

Cox D, McMaster I, Obuch J, 1990; Dellasta pl; Victoria. 200pp. Colour photos, drawings, plans. Available from Greening Australia bookshop, 2 Holt Street Stanmore 2048 Australia. \$Aus15 + \$5 postage.

A comprehensive guide to the design of school grounds for learning. Teachers are shown the means to integrate horticulture, environmental education and landscaping topics into the curriculum and how to involve the entire school community in practical projects. Reproducible activity sheets assist hands-on experience. The book guides the planning and implementation of: schoolground landscaping; project planning; planting; involving parents, students and staff and maintenance. Provides case studies in Victoria, teachers notes, and activity sheets in survey, landscape quotes, soils, trees, indigenous plants, tree planting, and more.

May be ordered through Greening Australia, Sydney (02 550 0720) (\$Aus20) if locally unavailable.

The Development and Management of Natural Areas in School Playgrounds

Metropolitan/East Regional Development Committee, 1983; Arncliffe NSW.

Design of and activities in natural areas in school playgrounds.

The Management and Development of Natural Areas in School Grounds - Vol. 3 No. 7.

Gould League of NSW; Sydney.

Landscape design, action plan, advice and species list, propagation of native plants for developing natural areas in school grounds.

The Outdoor Classroom

Building Bulletin 71; HMSO Publications Centre, PO Box 276, London SW8 5DT.

Department for Education, London, 1990

A UK publication covering the educational use, roles and relationships, landscape

design, development, management and maintenance of school grounds. Designs, materials, vegetation, developing costs, projects for use in school grounds and maintenance advice.

Learning Through Landscape

DPI Forest Service, 1994.

A Department of Primary Industries Queensland publication in two parts.

Part A covers whole school planning, case studies, playgrounds for play linked to the curriculum, safety, resources, where to get help.

Part B covers mixing gardens and people, caring for your patch of bush, weeds awareness, composting, worms, recycling, water conservation.

From: DPI Forest Service, GPO Box 944, Brisbane 4001.

Special Places; Special People

Titman W; WWF UK in association with Learning Through Landscapes.

How children 'read' the school environment and how messages conveyed by school ground design and management constitute a 'hidden curriculum'.

Changing pupil attitude and behaviour by identifying and changing the 'hidden curriculum'.

Science

Greenfile

Australian Conservation Foundation, 340 Gore Street, Fitzroy 3065, Australia.

An environmental information kit about energy, greenhouse etc.

Science, in the School Grounds

Gill Thomas, Southgate, UK. 1992.

Available: Learning through Landscape Trust, 3rd floor, Southside Offices, The Law Courts, Winchester, Hants, SO23 9DL.

Topics include: Weather, waste management, mini beasts, trees, ponds, grassed areas, wildflower, the built environment, teacher / pupil worksheets.

Simulation games

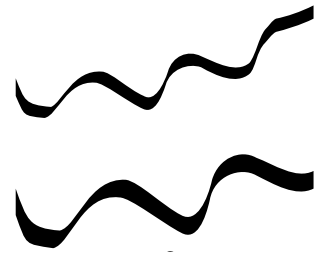
These games may be purchased from Action for World Development, 8/ 24 Kippax Street, Surry Hills, NSW, Australia 2010.

Phone: 02 9212 5375.

Fax: 02 9212 2468.

Living in the Pineapple Republic

A food and agriculture exercise developed by Action for World

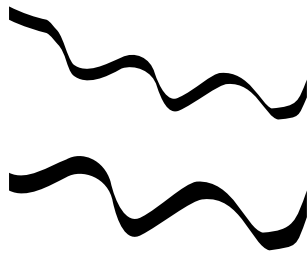


Without retreating into cultural or economic isolationism, we can nourish the traditions of our own region.

A true appreciation of cultural diversity means neither imposing our own culture on others, nor packaging, exploiting and commercialising exotic cultures for our own consumption.

Helena Norberg-Hodge, 1991; Ancient Futures, Rider.





Blue Mountains permaculture teacher, Supapon Raffan, shows a newly-constructed food garden at a Katoomba school.

Development, participants experience the tensions and dilemmas of decision making in a Third World country.

Focusing on dilemmas affecting groups such as landowners, peasants, a fruit company, the military and bankers, and reflecting on how they respond, participants gain insight into the forces affecting choices.

Level: Senior high and university; adults.
Time: 1.5 – 2 hours; 12 – 40 participants.

Is It the Real Thing?

Helps participants discover the consequences of making decisions about food growing and trading in the marketplace.

Includes decisions about whether to grow subsistence or cash crops, use of pesticides, modern or traditional methods of growing, selling.

Level: Junior and senior secondary, university and adults. Time: 1.5 – 2 hours; 12 to 40 players.

Which Rice?

A game about the effects of the Green Revolution on Third World countries devised by Action for World Development .

Raises questions about farming methods, including agrochemical use. Participants assume different roles and consider the effects of their decisions have on the future of their imaginary country.

Level: Senior secondary, university; adults.
Time: Two hours or three, 40 minute sessions; 12 to 40 participants.

Action for World Development can supply trained facilitators to take classes and community groups through the games.

Soils

All About Earthworms

Sosnowski J and S, 1992;
Worm farm, Valla near Nambucca Heads NSW 2448 Australia. Phone 065 695 297.

Background information, activities and experiments for primary students. Other worm related teaching materials available.

Backyard and Balcony Composting - The Complete Guidebook

Cullen M, Johnson L, 1992;
Bookman Press, Melbourne.

Background reading on composting, wormfarms and activities for children.

A comprehensive list of publications suitable for permaculture in schools is available from:

Salli Ramsden, Windover, Mt Darragh via Bombala NSW 2632 Australia

Composting Made Easy

Gould League of Victoria, 1992; Macmillan Education Australia, Crows Nest, NSW.

Answers basic questions on composting, mulching and wormeries - a guide for schools. This book is based upon the experiences of several schools that have undertaken trial composting programs. It provides down to earth

Landcare Education - Teachers Resource Book

Fairfield City Farm, Darling St, Abbotsbury 2176 Australia. Ph: 02 823 322; 1995; Fairfield Council and Department of Land and Water Conservation. Developed by Pacific Edge Permaculture .

Two books of background reading and worksheets for high and primary school excursions to the Fairfield City Farm. Worksheets and information on: farm animals, permaculture, landuse history, microclimate and topography, farm machinery, worm walk, farm environwalk, soil conservation walk, dryland salinity, catchment management, lithosphere.

Mastering Salinity

Lawrence G, Beeson P, 1991; Dellasta pl, Victoria. 60pp. Black and white photos, drawings.

A seven-day program of education in salinity. Factsheets followed by creative activities. Teacher's planner for integrating material into curriculum.

My Soil

Hepworth LG, 1986; Queensland Department of Primary Industries.

Soil Magic - Landcare Activities for Middle Primary

Department of Conservation, Forests and Lands, 1989; Victoria.

Worms Eat Our Garbage

Appelhof M and others, 1993; Flower Press, Michigan, USA.

Activities and worksheets focused on the use of worms.

Stories

Earth Alert - helping to save our planet

Davis Carole, 1991; Hodder & Stoughton, Rydalmere Australia.

This bright colourful book is designed to help us all understand why our planet is in trouble. Under four separate headings: Forests, greenhouse, ozone and pollution. Carole shows some of the problems we face and what we can do to help solve them.

Life in a Rotten Log

Atkinson K; Allen and Unwin, Sydney Australia, 32pp. colour photos.



Winner of the Wilderness Society's Children Literature Award, a documentary story of a rotten log, its inhabitants and life in the forest.

Our House on the Hill

Dupasquier P; Picture Puffin.

Pictorial book about changing seasons.

The Crawly Crawly Caterpillar

Todd E; Carousel.

Development of a caterpillar.

The Earth Speaks

van Matre, Steve, Weiler B, 1983; Acclimatisation Experiences Institute, Illinois; USA.

Anthology of poems, prose, proverbs and other material on the Earth. Great for opening and closing sessions, activities, celebrating the dawn, campfires and so on.

The Man who Planted Trees

Giono, Jean; 51 or 54pp. Wood engraved illustrations.

A beautiful and inspiring story of an old shepherd, Elzéard Bouffier, who single-handedly plants an entire forest and turns a desert into a garden. Jean Giono wrote this book to inspire a reforestation program that would renew the entire earth. Its time has come! Exquisitely written.

Available from Permanent publications England and Permaculture International - see video section for their contact details.

Waste and Recycling

Helping Our Environment

Keep Australia Beautiful Council, 1992.

A guide for school communities. Case studies of state finalist who competed in the Keep Australia Beautiful Schools Environment Award 1992.

Plastics Recycling

Gould League, Victoria. A4 64pp.

Observation, identification, classification games to reinforce ecological principles.

Recycling, A practical guide for the school environment

Dr John Feltwell, Learning Through Landscapes Trust Available from: Southgate Publishers Ltd, Glebe House, Church Street, Crediton, Devon EX17 2AF.

Schools Environmental Audit

Knight T, 1992; Macmillan Education Australia, Crows Nest, NSW.

A guide to best practice environmental management. This book provides the basis for schools to reduce their consumption of natural resources, giving them the opportunity to model easy-to-implement energy, water and waste minimisation strategies in the local community.

The Growing Classroom - Book 1

Project Life Lab, 1982; Santa Cruz, California.

Classroom activities related to science and nutrition curriculums - recycling, energy, nutrients etc.

Waste Matters

Armstrong P, Laffin J, 1993; Gould League, Victoria. 101pp. Drawings

Activities about waste minimisation for all levels of primary and secondary school. Designed to fit school education programs, Waste Matters, the book covers energy and resources, litter, composting, worm farming, no-dig gardens and the three R's - reduce, reuse, recycle. Includes games.

Watts What? The Watt Watchers energy Guide

Manly Environment Centre, 1 Belgrave Street, Manly 2095 Australia.

Activities to help save energy in the home.

Journals/ Newsletters

Permaculture International Journal

PO Box 6039, South Lismore 2480 Australia

Includes a Food Foresters Club for special people who know that now is the time to learn and practise earth care. They know that the key to learning is doing, so they make food gardens, conserve energy, share their ideas, find solutions and fill their world with food things. Section compiled by Carolyn Nuttall and Mary-Anne Cotter. You can fill out a registration form to join the food Foresters Club through the journal.

Talking Leaves

Journal of the Institute for Earth Education

Contact: Institute for Earth Education, RMB 142, Tharwa ACT 2620 Australia.

Phone 06 237 5135. OR

Cedar Cove Greenville, WV 24945.

The Outdoor Classroom

The Evergreen Foundation, 24 Mercer Street, Suite 300, Toronto, Ontario, M5V 1H3.

A Canadian newsletter on school ground naturalisation. Stories, photos and graphics on greening schools.

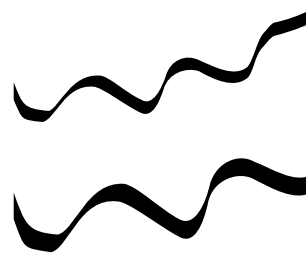
Posters

Gould League Posters

- Nature's boarding House
- Common garden Birds
- Common Insects of Australia
- Frogs of Australia
- Pondlife

All full colour, double sided 480mmx730mm.

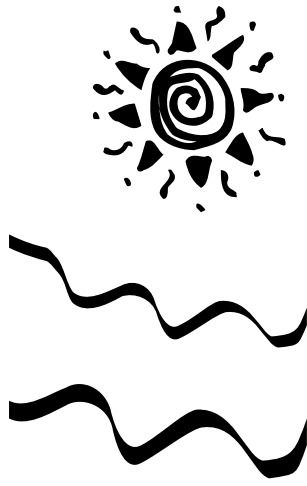
Gould League posters available from: Green Harvest, 52 Crystal Waters, MS16 via Maleny 4552. Australia.



"A lot of permaculture is about bringing people back down to earth after having drifted away from it in the type of society we have now"

...David Holmgren





Western education first came to Ladakhi villages in the 1970s.

The basic curriculum is a poor imitation of that taught in other parts of India, which itself is an imitation of British education.

There is almost nothing Ladakhi about it...most of the skills Ladakhi children learn in school will never be of real use to them... they receive a poor version of an education appropriate for a New Yorker... they learn out of books written by people who have never set foot in Ladakh, who know nothing about growing barley at 12 000 feet or about making houses out of sun-dried bricks.

Helena Norberg-Hodge, 1991; Ancient Futures, Rider.



Phone: (074) 9944676 Fax: (074) 944 674

CSIRO Posters

- Worms, Worms, Worms
- Soil Animals
- Insects
- Insect Camouflage
- Spiders
- Moths and Butterflies
- Australian Beetles

CSIRO posters available from:
CSIRO Bookshop, PO Box 89, East Melbourne 3002. Phone 1800 645 051.

Cost: \$Aus9.95 plus \$6 handling fee for first item, then \$2 for following items.

Ecolink Posters

The Tree Series

The full colour Tree Series focuses on trees as a life support system and is suitable for school level and beyond.

Our Tree World introduces the tree and its inhabitants. Activities across the curriculum.

The Giving Tree – how we depend on trees in our daily lives.

Our Living Tree – a close look at the structure and function of a tree.

Other Ecolink posters:

The Environmental Owl – chart measuring 48cm x 63cm explaining the vital role of the owl. Primary upwards.

The Nile Crocodile – chart 47cm x 64cm explaining the ecological role of the crocodile.

Who Needs a Crocodile? – The crocodile as it relates to malaria prevention.

Malaria Can Kill – chart 47cm x 64cm depicts the life cycle of the Anopheles mosquito and the role of the crocodile in its control.

Vetiver Grass – set of two posters measuring 41cm x 58cm on the use of vetiver grass and its planting.

Botany Charts – set of two charts, 100cm x 70cm, printed on washable paper; illustrates seed dispersal and germination.

Educator's sets – containing a full colour chart, cardboard jigsaw puzzle depicting the chart and designed for various age groups and a teacher's workbook with activities, fact sheets, glossary. Wire-bound, plasticised cover.

Posters above available from:
Eco-Link Environmental Education Centre
PO Box 727, White River, South Africa.
Phone: 01311-32120. Fax: 01311-33287.

Learning through Landscapes Poster Making The Best Use of Your School Grounds

Pictures, photos on developing school grounds.

Poster above available from:
Learning through Landscapes Trust,
27 Kirchen Road London W130UD.

Videos

Videos available in Australia:

A Natural Approach to Freshwater Aquaculture

Romanowski, Nick; 39 minutes.

Features 18 aquaculture plant and animal species suitable for Australian conditions. Includes yabbies, water chestnuts, wild rice, catfish and sacred lotus.

Compost: a down to earth approach

Schumann, John; 20 minutes.

A humorous Australian video, covers how, why and most importantly the 'what not to do' in building a compost pile. It demonstrates the joy and simplicity of creating your own rich garden fertiliser. Suitable for use in schools.

Global Gardener:

gardening the world back to life

Mollison, Bill; 1991. 220 Productions. Australia. 4 x 30 minutes.

The video of the highly popular 4 part TV series featuring Bill Mollison on location at successful permaculture sites around the world - the tropics, arid lands, cool climates and urban areas. Very inspiring.

Patch from Scratch

Cundall, Peter; 1996. Approx. 60 minutes.

You too can learn from Peter, the ABC TV organic gardening presenter, as he transforms a patch of exhausted lawn into a productive vegetable garden.

Practical Permaculture

50 minutes.

This introductory video takes you through the steps of creating a beautiful small scale permaculture in your backyard. Learn how to create a food forest, how to develop a sense of humus, and ways to implement the principles of permaculture. Includes booklet.

The Private Life of Plants

Attenborough, David; 293 minutes.

Enjoy this remarkable double video set in your own home. Heralded world-wide as David Attenborough's best nature series, these tapes utilise the latest in slow motion and time sequence photography to show you the plant world in a totally new and existing way.

Videos above available from:
Green Harvest, 52 Crystal Waters,

MS16 via Maleny 4552. Australia.
Phone: (074) 9944676 Fax: (074) 944 674

A Children's Food Forest

Permaculture Video Productions; 1996.
Australia. 15 minutes.

A successful permaculture food forest at Seville Road State School (Australia). The video shows children learning in a real life setting. The teacher explains how she turned these rich learning experience into classroom activities. PAL only.

A Natural Approach to Freshwater Aquaculture. See **Green Harvest** above for details.

Global Gardener: gardening the world back to life.
See **Green Harvest** above for description. PAL only.

Growing together

Brooks, Joss; Assisi Aid Projects, Surrey Hills, Vic. Australia. 28 minutes.

A teaching video on food gardens in dryland South India. This video considers malnutrition and lack of resources before presenting workable strategies for combating these by establishing food gardens. Especially relevant to situations all over the developed world. PAL or NTSC available.

The Complete Guide to Compost

Rutherford, Peter and LeTourneau, Rebecca; Australia. 30 minutes.

A creative approach to learning about compost and worms to reduce our waste. There are three programs in one - introduction to composting, introduction to worm farming and advanced composting. Suitable for students. Information booklet also available. PAL only.

The Mandala Garden

Francis, Robyn; Australia. 59 minutes.

A simple step by step guide to building an aesthetic, productive, economic, low maintenance herb and vegetable garden. Booklet also available. PAL only.

The Permaculture Concept - in grave danger of falling food

Mollison, Bill and others; 1992. 220 Productions, Australia. 50 minutes.

Bill Mollison argues the case for replacing modern agriculture with permaculture claiming agriculture is a destructive force and offers solutions. PAL only.

Videos above available from:
Permaculture International
PO Box 6039, South Lismore,
2480 Australia.
Phone: Int. +61 +(0)66 220020
Fax: Int. +61 + (0)66 220579 52

Forest Gardening with Robert Hart

Producer: Malcolm Baldwin, Lota Pictures, 1995. 50 minutes (Distributors: Green Earth Books, Foxhale, Dartington, Totnes, Devon TQ9 6EB UK. Phone: (01803) 863843.)

Inspirational for those interested in small practical solutions to world problems. Some thirty years ago Robert Hart had a vision of planting a small edible forest which could fulfil the needs of a healthy diet in beautiful surroundings. Today, his garden serves as a model of what can be achieved in any backyard.

Global Gardener: gardening the world back to life.

See **Green Harvest** above for description.

Keeping Ducks

Bartlett, Tom; 48 minutes

Ducks are the best way of controlling slugs and snails. This is a useful guide to choosing suitable breeds, hatching, housing and keeping healthy ducks in small gardens and larger areas.

Poultry at Home

77 minutes

This video will provide you with all the information you need about health care and management to keep chickens at home. Ideal for the beginner and those wishing to learn more about rare breeds.

The Man Who Planted Trees

Giono, Jean; Narrated by Christopher Plummer. 48 minutes.

Faithfully following the inspirational book of the same title with its powerful message, "One man, one body and one spirit was enough to turn a desert into the Land of Canaan. I am filled with admiration for the unlearned peasant who was able to complete a task worthy of God." Also included are Crac, a Canadian animation and the Ark appeal with Dawn French as Mother Earth.

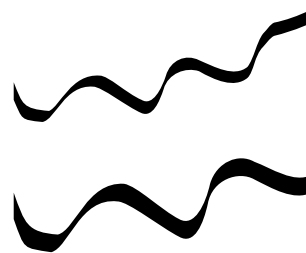
The Permaculture Concept - In Grave Danger of Falling Food. See **Permaculture International** above for description.

Urban Oasis

12 minutes

The story of a community permaculture garden in Cardiff, following both the physical and human processes that went into creating it, which involved both children and adults. An ideal education tool for adults and children. High quality production.

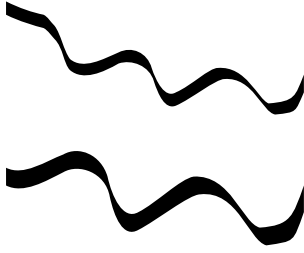
Videos above available from:
Permanent Publication
Hyden House Ltd., Little Hyden Lane,
Clanfield, Hampshire PO8 0RU, England.
Phone: (01705) 596500 Fax: (01705) 595834



Knowledge has been separated from action... there is no such thing as knowledge divorced from action... what we should really be asking is how they are ever going to learn anything if they spend three or four hours a day poring over books... the separation of learning from labour results in social injustice... some people do nothing but study and others nothing but hard labour, and as a result society is split in two... reading and study are supplementary to action, they are tools... the main road to knowledge is direct action.

Bhave V, 1986; *The Intimate and the Ultimate*; Element Books; London.





... the task of education would be, first and foremost, the transmission of the ideas of value, of what to do with our lives... but values do not help us to pick our way through life unless they have become our own, a part of our mental make-up...

EF Schumacher, 1974; Small is Beautiful - a Study of Economics as if People Mattered; Abacus; UK.

Photo credits...

Solomon Island images:
APACE, PO Box 123,
Broadway, NSW 2007,
Australia

Others: Pacific Edge
Permaculture, Sydney,
Australia

Graphics: Pacific Edge
Permaculture, Alejandra
Meijia-Restrepo.



Overseas: (int. code + 44 - 1705)
Email: permaculture@gn.apc.org

Other videos:

Appropriate Technology

A video showing examples of appropriate technology in action. Accompanied by teachers workbook. Produced by Community Aid Abroad, Australia.

Above video available from:
Bush Books, 8/ 24 Kippax Street,
Surry Hills 2010 Australia.

Ecological Design (replay, reinforce, remember) - inventing the future

Video Classroom, 572a St Kilda Road, Melbourne, 3004, Australia.

Phone: (03) 510 3600. 64 minutes.

As film about integrating nature, technology and humanity.

Grounds for Celebration, a Learning through Landscapes case study

Landmark Production Ltd, 14.20 min., 1995.

Contact: Learning through Landscape Trust, 3rd floor, Southside Offices, The Law Court, Winchester, Hants, SO23 9DL. Phone: (0962) 846 258 Fax: (0962) 869 099.

Case study how one school turned modest grounds into a hugely valuable education and social resource.

Grounds for Examination

Portsmouth Production, 48 min.

Contact: Learning through Landscape Trust, 3rd floor, Southside Offices, The Law Court, Winchester, Hants, SO23 9DL. Phone: (0962) 846 258 Fax: (0962) 869 099.

Examination, the challenge of the secondary school site for teachers with case studies.

Playing it Safe

Central Coast Area Health service; 1996. 8 minutes. Available from Health Promotion Unit, Central Coast Area Health Service PO Box 361, Gosford 2250. Phone: (0432) 204500 Fax: (043) 204566

This video is designed for anyone involved in planning new or upgrading existing playgrounds. The video includes: planning, installation, maintenance and supervision of playgrounds. An information booklet has been designed to accompany this video.

Wormania!

All about worms – close-ups of worms in habitat: food foraging, baby worm hatching, mating. Setting up a worm bin for organic waste composting. (USA)

Available from Gould League in Australia.

Contacts:

Action for World Development, 8/24 Kippax Street, Surry Hills NSW 2010 Australia.
Phone: 02 9212 5275 (Development Educ.)

Eco-Link Environmental Education Centre, PO Box 727, White River, 1240, South Africa.
Phone: 01311-32120. Fax: 01311-33287.

Gould League of NSW,
Mary Street, Beecroft NSW 2119 Australia.

Gould League, Genoa Street,
Moorabin, Victoria 3189 Australia.
Phone 03 9532 0909 Fax 03 9532 2860.

Greening Australia - in your capital city.
National mail order book sales:
Phone 02 560 3288, fax 02 569 2191 - free mail order book catalog. GPO Box 9868, Sydney 2001 Australia.

Green Teacher, Old Station, Maclynlleth SY20 8BL, UK. Although orientated towards the UK school system, Robin Clayfield and Skye of Earthcare Education claim that the journal contains lots of exciting ideas.

Institute for Earth Education,
RMB 142, Tharwa ACT 2620 Australia.
Phone 06 237 5135. OR

Cedar Cove Greenville, WV 24945 OR
The Frank Chapman Centre Park End,
Bewdley, Worcestershire, DY12 2TY, UK.

An earth education organisation originating in the USA and active in Australia.

The GAP, Global Education Centre, 1st Floor,
155 Pirie St, Adelaide SA 5000. Phone 08 223 5962. A student magazine from Global Action Productions, a unit of the SA Global Education Centre.

Oxfam, 274 Banbury Road, Oxford OX2 7D2, UK OR Bush Books, 8/ 24 Kippax Street, Surry Hills, NSW Australia 2010.

Books on development education.

PERMACULTURE IN SCHOOLS...

Permaculture is an invisible catalyst in the lives of individuals and communities at the cutting edge of sustainable alternatives around Australia

...David



...♦♦♦ The essence of education is the transmission of values... but values do not help us pick our way through life unless they have become part of our mental makeup... that they are more than mere formula or dogmatic assertion... that we think and feel with them... that they are the very instruments through which we look at, interpret and experience the world... ”