Sustainability

Loan library resources

1. Educator resources (p.1-4)
2. Student resources (p.4)
3. DVDs, CDROMs and videos (p.5)
4. Books (p.6-8)
5. Games (p.9)
6. Reports (p.9)
7. Educator reviews (p.9)

1. Educator resources


“The WorldWatch Institute, in its flagship publication, analyzes how we can equip students with the skills to navigate the turbulent century ahead. With global environmental changes locked into our future, what we teach must evolve. All education will need to be environmental education, teaching students to be ecoliterate, deep-thinking, as well as new essential topics including social-emotional learning and the importance of play. This latest edition of State of the World examines how, by rethinking education, people worldwide can better adapt to a rapidly changing planet.”

Future focused leaders: relate, innovate, and invigorate for real educational change (book) 2017, Corwin

“How can school leaders prepare students and educators for what lies ahead? Where should leaders concentrate their efforts to properly equip staff, students, and community to thrive in an ever-changing digital age? Forward thinking and dedicated to sustainability, Future Focused Leaders will engage and empower leaders to work towards real educational change by relating, innovating, and invigoring. This book is designed to strengthen leaders’ abilities to build learning relationships, use innovation for student success, and invigorate fellow educators to make a difference in the life of every child.”

Litter Less (kit) KESAB

“The Litter Less resource aims to provide students from year 4 to 7 with authentic learning contexts in which to understand and respond to litter and littering issues. The unit of work is presented as six inquiry questions, separated into themes and delivered over 12 lessons.” There are a range of interactives on the CD ROM and the kit also contains hard copies of litter pictures, litterbugs and examples of lunch boxes.
Quality Education for Sustainable Development: an educator handbook for integrating values, knowledge, skills and quality features of education for Sustainable Development in schooling (book)  
2012, UNESCO APNIEVE Australia

“This book, and its extensive Appendixes, provides a useful guide for educators on addressing global challenges through Education for Sustainable Development (ESD) in schooling. The most commonly expressed values, knowledge, skills and quality characteristics of ESD are synthesised from key international and Australian documents to form a coherent framework of criteria for developing, implementing and evaluating ESD school programs and curricula. A critical analysis of the Australian National Curriculum is included based upon the ESD framework, to assess the extent to which the curriculum integrates sustainability, with suggested modifications. This book is suitable for use by educational policy makers, administrators, curriculum developers, teacher educators, educational researchers, school principals, teachers and students of education.”

Education for sustainability in the Primary Curriculum: a guide for teachers (book)  
2009, Palgrave MacMillan

“Education for Sustainability is a top priority in the present international climate, where the media is dominated by environmental, social, political and economic concerns about current problems that will affect our future...While teachers are generally concerned about sustainability issues, perceived constraints of current curriculum priorities commonly inhibit Education for Sustainability from being developed in many classrooms. Education for Sustainability in the Primary Curriculum addresses this dilemma by showing how Education for Sustainability can be developed within and across all areas of the primary curriculum in Australian and New Zealand contexts. The book provides suitable approaches and examples of activities to support teachers so that they can address the State and National requirements for teaching all of the primary curriculum learning areas, while also addressing Education for Sustainability to promote knowledge of, positive attitudes towards and suitable action for sustainability in relevant, meaningful, enjoyable and creative ways. This is a valuable resource for all primary teachers who wish to make a real difference to educating children for the future.

Smart by nature - schooling for sustainability  
2009, Center for Ecoliteracy

Throughout the United States, a movement of educators, parents, and students is remaking K-12 education to prepare students for the environmental challenges of the coming decades. Smart by nature - schooling for sustainability documents this movement through inspiring success stories from public and independent schools across the country. It describes strategies for greening the campus and the curriculum, conducting environmental audits, rethinking school food, and transforming schools into models of sustainable community.
Activate your students: an inquiry-based learning approach to sustainability (Lower, Middle & Upper Primary) (books)
2008, Curriculum Corporation

“The sustainability focused units contained in this series encourage students to become actively involved in their world. Based on problem-based and inquiry-based learning pedagogy, the units of work are student-focused, promote active and deep learning, and motivate students to want to learn more about, and help them develop a sense of moral ownership for the natural environment. Each unit contains detailed teacher information on planning and implementing the unit of work, and supporting reproducible student worksheets. It is hoped that by presenting this instructional model to teachers in a clear and sequenced way, they will go on to plan and build further problem-based and inquiry-based units of work with a sustainability focus.”

How to succeed with Education for Sustainability (book)
2007, Curriculum Corporation

This book “focuses on building capacity within the school community to work, live and learn together to create a sustainable future. Good governance, social justice, reducing resource use, sustainable development and cultural diversity are examples of sustainability issues that are tackled by school communities implementing education for sustainability. This book provides school communities with a framework to succeed in implementing education for sustainability including understanding the values and principles; identifying the role of the teacher, planning for EFS, strategies for developing EFS, tips for EFS, assessment for sustainability, pro formas to help develop process and performance.”

Moving Towards Urban Sustainability: a resource for middle school and secondary teachers (incorporating the Christie Walk Eco-Project) (book)
2007, Urban Ecology Australia/Global Education Centre
Middle - Senior Years

“Moving Towards Urban Sustainability provides practical exercises and activities for the teaching and learning of urban sustainability. The resource can be used in conjunction with a visit to the Christie Walk housing project in Adelaide, or in association with a visit to a similar project elsewhere. The focus is on sustainability in urban living, not only the way we design and build homes but also the choices and behaviour changes we can make in our everyday lives to reduce our environmental impact. The Christie Walk example brings to the forefront the role of community in these changes.”
Sustainable Education: Re-visioning Learning and Change (book)
2004, Stephen Sterling, Green Books

“How will we move towards sustainability? By learning through crisis, or by design? In this Briefing, Stephen Sterling points out that ‘Progress towards a more sustainable future critically depends on learning, yet most education and learning take no account of sustainability.’ The Briefing argues that an ecological view of educational theory, practice and policy is necessary to assist the sustainability transition. It then shows how ‘sustainable education’ - a change of educational culture towards the realization of human potential and the interdependence of social, economic and ecological wellbeing can lead to transformative learning. It ends with a discussion of change strategies, and includes action suggestions for both policymakers and practitioners.”

2. Student resources

Our Home (book) Early & Primary Years
2016, Sue Coad

“Our home represents a world where sustainability, equity and diversity are valued. The purpose of the book is to facilitate discussions with children about the world they belong to and their place in it at many different levels. Through discussion children can identify what they have in common with characters in the book. Many opportunities to take action for a better world are also included. Children are encouraged to participate in their world and help bring a more sustainable world into being.”

Environmental Footprints (Middle - Upper Primary)
How big is your energy footprint? (book)
How big is your shopping footprint? (book)
How big is your energy footprint? (book)
2008, MacMillan Library

What sort of footprint are you leaving on the environment? Do you have a heavy footprint or a light footprint? Everything we do and everything we use has an impact on the environment. Heavy footprints harm the environment and use lots of natural resources. Light footprints harm the environment as little as possible and use fewer natural resources. Read the Environmental Footprints Series to decide what type of footsteps you want to take in the future.

Uno’s Garden (book)
2006, Puffin

“When Uno arrives in the forest one beautiful day, there are many fascinating and extraordinary animals there to greet him. And one entirely unexceptional Snortlepig. Uno loves the forest so much, he decides to live there. But in time, a little village grows up around his house. Then a town, then a city...and soon Uno realises that the animals and plants have begun to disappear...From the creator of the international bestsellers Animalia, The Waterhole and Jungle Drums, here is an illuminating blend of storybook, puzzle book and numbers book - a moving and timely tale about how we all unknowingly affect the environment around us, just by being there, and how we can always learn from our mistakes and find ways of doing things better.”
Christie Walk - a piece of ecocity  
(DVD/CDROM dual pack)  
2011, Tallstoreez Productions Pty Ltd/Urban Ecology Australia

"10min and 35min educational documentaries showcasing an example of sustainable urban development. Change Media worked over 4 days with community members from Christie Walk and Urban Ecology Australia, to train them in digital media and to create an inspiring DVD about one of the world’s ground breaking inner-city eco housing projects. This resource explores the international award-winning project in Adelaide’s CBD, its biodiversity, its high density living with 27 households on 2000 sqm of land, its straw bale and Hebel block buildings which use resources efficiently, and its fantastic overall design and facilities that encourage social connections and a strong sense of community."

The Earth Charter: values and principles for a peaceful, just and sustainable world (DVD)  
The Earth Charter Initiative in Australia


Design for Life: Permaculture, the Food Forest Story (DVD)  
2010, Food Forest

“Join two young baby boomers who saw the cracks emerging in the Earth’s ecosystem and started the adventure of their lives, to perfect an abundant, sustainable way of living. Annemarie and Graham Brookman quested through 40 countries for principles of sustainable land use but actually stumbled across the permaculture design system back in Australia. It was everything they needed for a bold experiment, giving them a set of ethics and techniques with which to plan their lives, home, garden and small farm to assess and demonstrate this new way of living. The film traces the challenges they overcame: lack of capital, smallness of scale, droughts, floods and the loneliness of the pathfinder, to become one of the World’s iconic permaculture properties and one of Australia’s most awarded organic farms, The Food Forest."
4. Books

**Macmillan Masterclass: Teaching for Sustainability**
2012, Macmillan Teacher Resources

"With this guide in hand you will be able to implement teaching for sustainability at the classroom as well as the whole school level. Within the book you will find
*How to track the life of a product from cradle to grave
*Breakdown of inquiry based learning and the action process
*Tips for teaching sustainability to students at different levels

**Down to Earth**
2012, Penguin

"Rhonda Hetzel gently encourages readers to find the pleasure and meaning in a simpler life, sharing all the practical information she has gathered on her own journey. Whether you want to learn how to grow tomatoes, bake bread, make your own soap and preserve fruit, or just be inspired to slow down and live more sustainably, Down to Earth will be your guide."

**Outside the Magic Square: A handbook for food security**
2012, Wakefield Press

"It has never been more important to embrace sustainability. In the next four decades, we will need as much food as during the last 500 years. Outside the Magic Square considers issues of food security and offers solutions at the street, neighbourhood and global levels. Mixing gardening advice and food plot design with discussion of pressing issues like global warming, dwindling oil supplies, the future for farmers and GM foods, Lolo Houbein challenges us to mobilise for food security."

**Retrosuburbia: the downshifter’s guide to a resilient future**
2018, Melliodora Publishing

"Retrosuburbia brings to life David Holmgren’s vision of sustainable, productive and vibrant suburbs. Holmgren distils 40 years of experience into practical solutions for downshifting and retrofitting our homes, gardens, households and - above all - ourselves. His aim is to empower us to live better with less, create abundance and thrive in an energy descent future."
**Future Justice (book)**
2010, Future Leaders

“*Future Justice* is concerned with what those living today leave behind for future generations. In the first part of the book, leading academics and thinkers explore the meaning of future justice and our responsibilities with respect to the environment, Indigenous Australians, refugees, science, human rights education, sexuality, economics, Southeast Asia, a Human Rights Charter, the United Nations and the Australian Constitution. The second part of the book features writing by young people on violent conflict, dementia, identity, death, love, celebrity procreation and climate change.”

**Greening services: practical sustainability (book)**
2007, Early Childhood Australia Inc

“The children we are educating and caring for will be the policymakers and leaders of the future and what we teach them now about the environment will directly influence the long-term health of the planet. Author Rachael Kinsella is an early childhood teacher with many years of experience assisting staff and directors in making education for sustainable development central to their services’ planning and practices. This book provides practical advice for educators and carers as well as activities that involve families and inspire children. Developing a sustainability management plan; making your service water-wise and energy efficient; working with children and communities to develop recycling and waste management systems; introducing green cleaning at your service; creating gardens and outdoor spaces that nurture and teach.”

**The Handbook of Sustainability Literacy: skills for a changing world**
2009, Green Books

“The Handbook of Sustainability Literacy covers a wide range of skills and attributes, from technology appraisal to ecological intelligence, and includes active learning exercises to help develop those skills. Far from being a rigid or definitive statement of the ‘one right way’, the book is exploratory, aiming to open up new, previously unimagined paths, possibilities and choices. It is intended primarily for educators - across the spectrum from higher education to informal education - but is also suitable for learners and anyone interested in the literally ‘vital’ issue of the skills necessary for building a more sustainable future.”

**Everyday justice: the global impact of our daily choices**
2009, InterVarsity Press

“Julie Clawson takes us on a tour of everyday life and shows how our ordinary lifestyle choices have big implications for justice around the world. She unpacks how we get our food and clothing and shows us the surprising costs of consumer waste. How we live can make a difference not only for our own health but also for the well-being of people across the globe. The more sustainable our lifestyle, the more just our world will be. *Everyday justice* is one way of loving God and loving our neighbours. So don’t panic. We can live more ethically, through the little and big decisions we make everyday.”
Ecological literacy: educating our children for a sustainable world
2005, Sierra Club Books

"Reorientating the way human beings live on the earth and educating children to their highest capacities have much in common, say the thinkers and educators behind this groundbreaking book. Both endeavours must be viewed and pursued in the context of systems: familial, geographic, ecological, political. And our efforts to build sustainable communities cannot succeed unless future generations learn how to partner with natural systems to our mutual benefit. In other words, they must become "ecologically literate".

Cradle to Cradle
2002, North Point Press

"McDonough and Braungart explain how products can be designed from the outset so that, after their useful lives, they will provide nourishment for something new. They can be conceived as "biological nutrients" that will easily re-enter the water or soil without depositing synthetic materials and toxins. Or they can be "technical nutrients" that will continually circulate as pure and valuable materials within closed-loop industrial cycles, rather than being "recycled"- really, downcycled- into low-grade materials and uses. Drawing on their experience in (re)designing everything from carpeting to corporate campuses, McDonough and Braungart make an exciting and viable case for putting eco-effectiveness into practice, and show how anyone involved with making anything can begin to do so as well."

Sustainable Development (book)
2006, Routledge

"Recognizing that promoting sustainable development is a quintessentially global task, the book focuses on the authoritative Brundtland formulation of sustainable development and the role of the United Nations Summits in promoting this vision. The empirical focus of the book is complemented by strong conceptual discussions as sustainable development is explored as part of new efforts, albeit tentative, to integrate environmental, economic and (more recently) social considerations into a new development paradigm. Providing an accessible, up-to-date and comprehensive treatment of the issues surrounding the promotion of sustainable development, this unique, internationally-focused book combines a strong conceptual analysis, with wide ranging empirical focus and a wealth of case material. Including summary points and suggestions for further reading, as well as web resources and an extensive bibliography, it is ideal for students, scholars and researchers in the fields of environmental sciences, politics, sociology and development studies."

The Tipping Point: how little things can make a big difference (book)
2000, Abacus

"In this brilliant and original book, Malcolm Gladwell explains and analyses the 'tipping point', that magic moment when ideas, trends and social behaviours cross a threshold, tip and spread like wildfire. Taking a look behind the surface of many familiar occurrences in our everyday world, Gladwell explains the fascinating social dynamics that cause rapid change."
5. Games

Footprints
2010, Signature Games/Australian Science Teachers Association

"Footprints is about the greatest challenges facing humanity today...global warming, climate change and the sustainable use of the Earth’s resources. Footprints is designed to be an educational environmental board game for players aged 8-adult. Whilst it is specifically aimed at middle-school students, individuals of all ages will enjoy the challenges posed by the huge range of environment-linked questions on the cards provided. By engaging students in this game, they will also be made aware of and learn more about the ways in which they can conserve our environment and use resources in a more sustainable way...Players move through a spiral of environmental challenges towards the centre of the board by answering questions about environmental issues. The player who can answer the most questions correctly and ‘cause’ the least environmental damage wins the game."

6. Reports

Sustainable Consumption: young Australians as agents of change (book)
2004, National Youth Affairs Research Scheme

“The report combines insights from consultations and interviews with young people, key youth representatives and service providers with information and insights from the literature on past and current initiatives in order to address the following objectives: an exploration of youth culture and sustainable consumption, an analysis of influences on young people’s consumption, the education of agents of change for sustainable consumption, the documentation of good practice and the promotion of policies for sustainable consumption.”

7. Educator reviews

Activate your students (EY, MP, UP)

“The information in these books is great, but the activities are limited. I wouldn’t use the worksheets - I’d use the whiteboard and get the students to do activities themselves or think of different ones.”
Lee Grigg, Portside Christian School

This file was last updated July 2020