



NRM Education

climate change biodiversity water food air waste transport purchasing



Biodiversity Web Resources – Updated Sept 2010

Learning about biodiversity

<http://www.backyards4wildlife.com.au/>

The website of Urban biodiversity unit who are committed to supporting the community to conserve Adelaide's biodiversity. Education resources, grants, an interactive map, indigenous plant growers list and online garden tours.

<http://www.backyards4wildlife.com.au/uploads/BioWhat.pdf>

BioWhat? A biodiversity teacher resource linked to SACSA with loads of information and activities.

<http://www.backyards4wildlife.com.au/uploads/ZoomLensTeacherNotes2005.pdf>

Zoom Lens Project. This unit of work involves students choosing a local species and researching it in detail. The unit culminates with students building a habitat scene that contains their chosen species.

<http://www.nrmeducation.net.au/>

NRM education. Information and resources for teaching about biodiversity in the Adelaide region. Charts for students to identify native frogs, fish and macroinvertebrates.

<http://www.waterwatchadelaide.net.au/index.php?page=biodiversity>

NRM education biodiversity resources. Resources presented at the 2009 Biodiversity PD by NRM education.

<http://www.spice.centers.ufl.edu/Invasive%20Species/Biodiversity%20Who%20cares%20Slide%20Show.ppt>

Biodiversity - who cares? A PowerPoint presentation that provides a good explanation of the 3 different types of biodiversity.

<http://www.samuseum.sa.gov.au/>

Find out about the **SA Museum's** biodiversity gallery and other biodiversity related education opportunities such as biodiversity month.

<http://www.nhm.ac.uk/nature-online/biodiversity/>

Natural History Museum website provides a great overview of the concept of biodiversity

Improving biodiversity of backyards and school grounds

<http://www.milliontrees.com.au/index.php?page=education>

Grow a Great School. Information on how to obtain grants for growing a local indigenous garden to help improve your schools biodiversity

<http://www.backyards4wildlife.com.au/index.php?page=bfw-resources>

Backyards 4 wildlife. Fact sheets, a booklet and a list of plant growers to assist you to turn your school are home garden into a biodiversity oasis.

<http://www.fauature.com.au/>

FauNature supplies bird/bat/possum boxes and other wildlife products and advice

<http://www.backyardbuddies.net.au>

Backyard Buddies has a range of information about attracting wildlife to your garden.



Auditing and biological survey

<http://www.sustainableschools.sa.edu.au>

The South Australian site for assisting schools to run environmental audits including biodiversity.

<http://www.unisa.edu.au/barbarahardy/research/spider.asp>

Operation Spider – A Uni SA project that involves the community in observing the behaviours of animals in their local neighbourhood and sending in results to university researchers. In previous years Operation Possum and Operation Magpie have been run. Each year a different animal is chosen.

<http://www.rumbalara.eec.education.nsw.gov.au/semp/Biodiv.pdf>

School biodiversity audit kit from NSW.

http://www.landlearn.net.au/resources/bio_up_close.htm

Bushland and school ground biodiversity auditing and education resources from Victoria.

<http://www.frogatlas.com.au/>

Find out which frogs live in your area and if you are keen get involved and do your own frog survey.

Native Plants and Animals

<http://www.nativegrassgroup.asn.au/>

Native grasses resource group website includes fact sheets about native grasses in the Adelaide and Mount Lofty Ranges region.

<http://samuseum.sa.gov.au/butterflies/>

An interactive website that allows you to explore butterfly's from different South Australian Ecosystems. Also includes units of work and worksheets.

<http://www.butterflygardening.net.au/>

Butterfly Conservation SA have an interactive searchable map that will enable you to find out what butterflies are native to your neighbourhood and tell you what to grow to attract them there.

http://www.teachers.ash.org.au/jmresources/butadelaide/Butterflies_of_Adelaide.html

Butterfly related learning quests.

<http://users.sa.chariot.net.au/~rgrund/>

Butterfly identification and Butterfly gardening tips

<http://users.sa.chariot.net.au/~bcsa/index.htm>

Information and details of the activities of the **Butterfly conservation society**.

<http://www.birdsaustralia.com.au>

Birds Australia website which includes information about bird's behaviour and an online atlas so you can find out what birds might live in your area.

<http://www.shorebirds.org.au/>

Information about Australian coastal birds.

www.awsg.org.au/pdfs/Turnstone-geolocator.pdf

Account of migratory birds and geolocation:

<http://www.learner.org/jnorth/>

Journey North website – a global study of wildlife migration and seasonal change



<http://www.environment.sa.gov.au/biodiversity/>

Department for Environment and Heritage website with info on individual animals & ecosystems as well as lists of species found in national parks.

<http://www.wildlife.org.au/>

Wildlife Preservation Society of Queensland has useful website, monthly magazine

Pest plant and animals

<http://www.weeds.gov.au/>

Weeds information and includes an online resource to identify weeds.

<http://www.weedbusterweek.info.au/>

Loads of educational activities and resources to support student learning about weeds.

<http://www.pestales.org.au/>

Pest Tales provides primary teachers with a complete and up to date resource which highlights pest animal species in Australia, their impact and current ways of managing the damage they inflict on the environment, economy and people.

<http://www.feralfocus.org.au/>

Feral Focus provides teachers with a web based education resource which explains the characteristics of pest animals and the complexities of dealing with them in Australia.

<http://nrmeducation.net.au/index.php?page=weed-warriors>

Weed Warriors. Find out how students can grow biocontrol agents to release at local weed infested sites.

Natural Economies

<http://www.neweconomics.org/programmes/natural-economies>

Information about the economic importance of biodiversity.

http://pollinator.org/pollinator_week_2010.htm

Teaching resources about the value of pollinators including *Pollinator Gardens and Habitat Program Curriculum and Activities*, which contains lessons for grades K–12. In addition, *Nature's Partners: Pollinators, Plants, and You*, an inquiry learning-based curriculum for grades 3–6, offers activities appropriate for the formal classroom or for a nonformal education setting that can easily be adapted to fit the needs of the students and the teaching situation.

Biodiversity related service providers

<http://www.nature.sa.edu.au/>

The **Nature Education Centre** sells and lends out natural history specimens and kits to its members so that children are encouraged to study animals and their habitats by coming into direct contact with them.

The Centre, which is run as a non-profit organisation, is administered by a Committee drawn from education and animal management fields and was set up as a project by the South Australian Science Teacher's Association.

Presently (weekend of 11, 12 September) moving from Norwood to Urrbrae Agricultural High School

<http://www.bugsnslugs.com.au/index.htm>

Bugs n Slugs programs in South Australia are provided by Kristen Messenger from Conservation Education Services and her staff. Kristen is an enthusiastic and experienced environmental educator with a long and successful work history at well respected institutions such as the Botanic Garden of Adelaide and the Adelaide Festival Centre.

<http://www.swiftpages.com/sahq/>

Herpetology (snakes, lizards) group. Not much info on their website but they may have a volunteer speaker able to visit your school.



Funding sources for school on-ground projects

NRM Achiever Grants

www.amlrnrm.sa.gov.au

Contact Janet Pedler ph 8273 9126

janet.pedler@adelaide.nrm.sa.gov.au

Grow a Great School

www.milliontrees.com.au

Contact Catherine Mossop 8278 0605 catherine.mossop@sa.gov.au

Junior Landcare Grants

www.juniorlandcare.com.au

General sustainability related resources

<http://www.decs.sa.gov.au/efs/> Australian Sustainable Schools Initiative website

<http://www.waterwatchadelaide.net.au/index.php?page=amlr-best-of-catchment-connections>

Best of Catchment Connections:

<http://www.teachsustainability.com.au>

Sustainability education resources for teachers

http://www.anei.org/download/82_questioning.pdf

A Questioning Framework for Shaping Environmental Literacy: Thousands of questions to ask students when teaching environmental concepts

Interactive games

<http://www.scholastic.com/growgreen/virtualforest/>

An interactive game that enables students to consider how everyday actions can impact on the environment.

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