

USEFUL RESOURCES FOR TEACHERS

A selection of biodiversity-focussed resources including lesson plans, websites and apps recommended by teachers who have participated in the Bush Blitz Teachlive program.



CITIZEN SCIENCE APPS



AUSTRALIAN CITIZEN SCIENCE ASSOCIATION

[ACSA] was formed to advance citizen science through the sharing of knowledge, collaboration, capacity building and advocacy. Links to over 400 citizen science projects across Australia.



FROGID

What's that sound? Croaks, whistles, bleats and barks - every frog species makes a different sound! By recording a frog call with our new app, FrogID, you can discover which frogs live around you and help us count Australia's frogs!



CLIMATEWATCH

ClimateWatch was developed to understand how changes in climate are affecting the seasonal behaviour of Australia's plants and animals. The first continental phenology project in the Southern Hemisphere, ClimateWatch enables every Australian to be involved in collecting and recording data that will help shape the country's scientific response to climate change. Associated lesson plans are found online at Cool Australia (link further below).



RANGER VISION

Ranger Vision offers a fun way to get your students outdoors, learning about and helping map biodiversity. Enrol your students in the app, then get them outdoors with mobile devices to take photos of wildlife (insects, birds, reptiles - pretty much whatever life forms they can find outdoors).



INATURALIST

One of the world's most popular nature apps, iNaturalist helps you identify the plants and animals around you. Get connected with a community of over 750,000 scientists and naturalists who can help you learn more about nature! What's more, by recording and sharing your observations, you'll create research quality data for scientists working to better understand and protect nature.



QUESTAGAME

Play the world's first mobile game that takes you outdoors to discover, map and ultimately help protect life on our planet. Your sightings contribute to real research and conservation.



AUSTRALASIAN FISHES

The Australasian Fishes project allows you to upload, identify and comment on observations of Australian and New Zealand fishes.

IDENTIFICATION APPS/FIELD GUIDES



FISHES OF AUSTRALIA

The ultimate resource for information on the diversity and biology of Australia's amazing marine and freshwater fishes



NATIONAL FIELD GUIDE

Discover Australia's amazing wildlife in this suite of eight Field Guide apps, one for each state and territory in Australia. Together the apps feature over 2100 animals, including mammals, birds, fishes, reptiles, frogs and invertebrates from terrestrial, freshwater and marine environments. They contain detailed descriptions of each species, as well as distribution maps, endangered status, audio calls and stunning imagery.



PICTURE THIS

Instantly identify plants from any photo. Share the plants you find with the world. Learn from a global community of experts.

CLASSROOM RESOURCES



COOL AUSTRALIA

Cool Australia partners with organisations to create high quality educational content and online professional partners development courses about contemporary issues. The educational materials includes units of work and lesson plans that are learning 'recipes' for teachers to follow. They include step-by-step instructions, worksheets, Australian Curriculum mapping, and your real-world content.



KEYBASE

KeyBase is a database and web application for managing and deploying interactive pathway keys to plants, animals and other groups of organisms.



SCOOTLE

a national repository that provides Australian schools with more than 20,000 digital resources aligned to the Australian Curriculum.



BIOBLITZ HUB

BioBlitzes are becoming a frequently used, large-scale citizen science field event in Australia. A BioBlitz is a snapshot study of a specific location, where scientists and the community work together to survey and record as many species within a nominated timeframe –generally 24-48 hours. Includes a link to "how to run a bioblitz" document.



BUSHBLITZ TEACLIVE

Two comprehensive resources developed to accompany the Bush Blitz Teachlive program: Years 7 and 8 for Science and Digital Technologies, and Years 5 and 6 for Science, Humanities and Social Sciences



BUSH BLITZ

Resources including how to make a bee hotel, and a fun pokemon-themed dichotomous key activity.

HELPFUL WEBSITES AND NETWORKS



SUSTAINABILITY IN SCHOOLS (AUSTRALIA)

Sustainability is a cross-curriculum priority within the Australian Curriculum. It's time to embed sustainability into your classroom, school and community. Have a look at the four key steps, or go straight to our Resources Portal (over 500 resources).



RESOURCE SMART SCHOOLS (VIC)

ResourceSmart Schools is an award-winning Victorian Government program that assists schools to embed sustainability in everything they do.



ACTSMART SCHOOLS (ACT)

Is a FREE specialised program that helps schools improve their sustainability. Actsmart Schools supports schools to save energy, conserve water, increase recycling, protect biodiversity, cut greenhouse gas emissions and integrate sustainability into the curriculum.



SUSTAINABLE SCHOOLS NSW

Sustainable Schools NSW aims to connect environmental educators with relevant resources, interactive lessons and a like-minded community to help spread the important message of sustainability to future generations. We have a goal that every school in NSW is a sustainable school.



NSW ENVIRONMENTAL EDUCATOR NETWORKS

Environmental educators' networks provide forums for educators, state and local government, community groups and other organisations, to share resources, ideas and information.



VICTORIAN TEACHER ENVIRONMENT NETWORKS

These local networks are a great way to get to know what is happening in your council area. You will meet other teachers working on sustainability and environment initiatives, get to know the council officers who can support you and attend fun, interesting sessions especially for educators.



EDUCATION FOR SUSTAINABILITY TASMANIA

We are a growing network of leaders in sustainability research, training and education. Together we can harness the full potential of learning to help more people develop the skills and capacity needed to protect our planet and ensure social and cultural prosperity for all.