



VCE BIOLOGY 2006–2014: SUITABLE RESOURCES UPDATE

At the time of publication the URLs (website addresses) cited were checked for accuracy and appropriateness of content. However, due to the transient nature of material placed on the web, their continuing accuracy cannot be verified. Teachers are strongly advised to prepare their own indexes of sites that are suitable and applicable to the courses they teach, and to check these addresses prior to allowing student access.

GENERAL

Books

Mulhall, D 2002, *Our Molecular Future: How Nanotechnology, Robotics, Genetics and Artificial Intelligence Will Transform Our World*, Prometheus Books, New York.

Textbooks

Nelson Biology VCE Units 1 and 2 and *Nelson Biology VCE Units 3 and 4* (2nd edn), 2005, Thomson Nelson, Australia. Student book with CD; Activity manual; Teachers' CD.

Heinemann Biology 1 (4th edn) and *Heinemann Biology 2* (4th edn), 2005, Heinemann, Australia. Pack containing textbook and student CD; Student workbook.

Nature of Biology Book 1 and *Nature of Biology Book 2* (3rd edn) 2005, Jacaranda, Australia. Textbook; CD; Activity manual; Teacher Resource Manual.

Online Journals

Shine, J 2004, 'Humanity's heritage: The human genome and stem cells', National Press Club Address, 21 July 2004.

<http://www.science.org.au/events/lectures-and-speeches/npc2004.html>

Velocity: science in motion, ANSTO

<http://velocity.ansto.gov.au/velocity>

Quarterly magazine featuring stories on breakthrough Australian science.

Websites

Australian Academy of Science

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

Australian Greenhouse Office, Department of the Environment and Heritage

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

Australian Synchrotron, State Government of Victoria

<http://www.synchrotron.vic.gov.au>

Biotechnology, State Government of Victoria

<http://www.biotechnology.vic.gov.au>

Enough Rope with Andrew Denton, Interview with Professor Ian Frazer, 24 April 2006

<http://www.abc.net.au/tv/enoughrope/transcripts/s1622464.htm>

Minerals Council of Australia
www.minerals.org.au/education

Nobelprize.org
<http://nobelprize.org>

Information on previous Nobel Prize winners.
NOVA Science in the News, Australian Academy of Science
www.science.org.au/nova

Profiles in Science, National Library of Medicine
<http://profiles.nlm.nih.gov>

Short biographies of prominent twentieth and twenty-first century biologists and health/medical scientists.

Science by email, CSIRO
www.csiro.au/helix/sciencemail/index.html

the lab, ABC
<http://www.abc.net.au/science>

Organisations

Bioskills Box Hill TAFE
<mailto:bioskills@bhtafe.edu.au>
For information about workshops for teachers and students.

UNIT 3

Websites

Cellupedia
<http://library.thinkquest.org/C004535>

HAMAP Proteome, Swiss Institute of Bioinformatics
<http://au.expasy.org/sprot/hamap>

UNIT 4

Books

Finkel, E 2005, *Stem Cells: Controversy at the Frontiers of Science*, ABC Books Australia.

Audiovisual

Cowin, PA 2005, *basically STEM CELLS*, Bio-Ideyas Young Achievement Australia, Monash University. An educational CD pack, order from sales@bioideyas.com.au

Feature articles

Gipps, J 2005, 'Deadman talking: What skulls can tell us about human evolution', *Teaching Science*, Australian Science Teachers Association, vol. 51, no. 2.

Venville, G & Donovan, J 2005, 'Searching for clarity to teach complexity of the gene concept', *Teaching Science*, Australian Science Teachers Association, vol. 51, no. 2.

Websites

DNAinteractive
www.dnai.org/index.htm

For techniques used in Gene Technology link to Manipulation then Techniques.