

Biological Sciences

Course of Study

Resource List

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BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

This list of resources was prepared by officers from the Curriculum Standards Directorate (Curriculum Materials Information Services) in the Department of Education and Training. The list is presented in two parts:

Part One: Books, Videos, Journals, DVDs, computer software

Part Two: Websites

Further details of each item can be found online on the CMIS Resource Bank, which is an online database. Links to this have been made from a Biological Sciences Course of Study webpage at:

<http://www.eddept.wa.edu.au/cmisis/eval/curriculum/courses/biology/>

In this database all of the Biological Sciences resources have also been linked to specific content or outcomes and can be accessed under these headings. The webpage also contains a list of Suppliers, Key Documents and Key Websites for quick access.

PART ONE

BOOKS, VIDEOS, JOURNALS, DVDs, COMPUTER SOFTWARE

Alberts, Bruce

Essential cell biology / Bruce Alberts ... [and others].

New York : Garland Science, 2004.

0-8153-3481-8

Ampt, Peter

Interpreting data in biology. Book 1 / Peter Ampt and June Keys.

Glebe, NSW : Emerald City, 2000.

1-87613-348-1

Ampt, Peter

Interpreting data in biology. Book 2 / Peter Ampt and June Keys.

Glebe, NSW : Emerald City, 2000.

1-87613-349-X

Anderson, Keith

Designing science experiments : a guide to planning and conducting experiments for year 11 and 12 science students / Keith Anderson, Ross Mars.

Leeming, WA : Bio, 1994.

0-646-17998-5

Aubusson, Peter

Biology in context : the spectrum of life / Peter Aubusson, Eileen Kennedy, Peter Hickman.

South Melbourne : Oxford University Press, 2004.

0-19-555033-1

Aubusson, Peter

Genetics : the code broken / Peter Aubusson, Eileen Kennedy, Peter Hickman.

South Melbourne : Oxford University Press, 2004.

0-19-555032-3

BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Biology, the common threads

Biology, the common threads : Part 1.

Canberra : Australian Academy of Science, 1990.
0-85847-160-4

Biology, the common threads. Part 1. Student workbook.

Canberra : Australian Academy of Science, 1991.
0-85847-166-3

Biology the common threads. Part 1. Teachers resource book.

Canberra : Australian Academy of Science, 1990.
0-85847-161-2

Biology, the common threads. Part 2.

Canberra : Australian Academy of Science, 1991.
0-85847-174-4

Biology, the common threads. Part 2. Student workbook.

Canberra : Australian Academy of Science, 1991.
0-85847-177-9

Biology, the common threads. Part 2. Teachers resource book.

Canberra : Australian Academy of Science, 1991.
0-85847-176-0

Biozone International

Model answers. Year 11 biology 2006 student resource and activity manual.

Gold Coast Mail Centre, Qld. : Biozone International, 2005.
1-87732-953-3

Teacher resource CD-ROM [electronic resource]. Year 11 biology 2006, Year 12 biology 2006.

Gold Coast Mail Centre, Qld. : Biozone International, 2005.

Brearley, Anne

***Ernest Hodgkin's Swanland : estuaries and coastal lagoons of South-western Australia* / Anne Brearley.**

Crawley, WA : University of Western Australia Press, 2005.
1-920694-38-2

Burns, Allan

***Instant lessons in biology. Book 1* / Allan Burns.**

Strathfield, NSW : Emerald City, 1997.
1-87613-314-7

***Instant lessons in biology. Book 2* / Allan Burns.**

Strathfield, NSW : Emerald City, 1997.
1-87613-315-5

***Instant lessons in biology. Book 3* / Allan Burns.**

Strathfield, NSW : Emerald City, 1997.
1-87613-316-3

BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Campbell, Neil A.

Biology / Neil A. Campbell, Jane B. Reece, Noel Meyers ; contributors and advisors, Lisa Urry ...[and others].

Frenchs Forest, NSW : Pearson Education Australia, 2006.

1-7410-3386-1

Chittleborough, Graham

Shouldn't our grandchildren know? : an environmental life story / Graham

Chittleborough.

South Fremantle, WA : Fremantle Arts Centre Press, 1992.

1-86368-015-2

Flannery, Tim

The future eaters : an ecological history of the Australasian lands and people /

Timothy Fridtjof Flannery.

Sydney : Reed New Holland, 2005.

1-87706-928-0

Greenwood, Tracey

Year 11 biology / [writing team, Tracey Greenwood, Richard Allen, Lyn Shepherd].

Gold Coast Mail Centre, Qld. : Biozone, 2005 [i.e. 2006]

1-87732-951-7

Healey, Justin [ed.]

Genetic modification / editor Justin Healey.

Thirroul, NSW : Spinney, 2004.

1-920801-12-X

Heffernan, D. A.

The Australian biology dictionary / David Heffernan & Ruth Miller.

Melbourne : Addison Wesley Longman, 1997.

0-582-80893-6

Heinemann biology

Heinemann biology. 1. [4th ed.] / Barbara Evans ... [and others].

Port Melbourne : Heinemann, 2005.

1-7408-1295-6

Heinemann biology. 1. [4th ed.] Student workbook / Yvonne Sanders ; contributors, Brett Barber ... [and others].

Port Melbourne : Heinemann, 2005.

1-7408-1499-1

Heinemann biology. 2. [4th ed.] / Barbara Evans ... [and others].

Port Melbourne : Heinemann, 2005.

1-7408-1296-4

Heinemann biology. 2. [4th ed.] Student workbook : VCE units 3 & 4 / Yvonne Sanders.

Port Melbourne : Heinemann, 2005.

1-7408-1500-9

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Hickman, Peter

The human story / Peter Hickman, Eileen Kennedy.
South Melbourne : Oxford University Press, 2004.
0-19-555031-5

Humphreys, Kerri

Biology : a local ecosystem / Kerri Humphreys.
Marrickville, N.S.W. : Science, 2004.
0-85583-493-5

Huxley, Lorraine

Biology : an Australian perspective / Lorraine Huxley, Margaret Walter.
South Melbourne : Oxford University Press, 2005.
0-19-551723-7

Biology : an Australian perspective : practical manual / Lorraine Huxley,
Margaret Walter.
South Melbourne : Oxford University Press, 2006.
0-19-551724-5

Biology [electronic resource] : an Australian perspective : teacher support CD-ROM / Lorraine Huxley, Margaret Walter.
[South Melbourne] : Oxford University Press, 2005.
0-19-551725-3

Jackel, Stewart G.

Oxford biology study dictionary / Stewart G. Jackel, Rachel Roberts.
South Melbourne : Oxford University Press, 1998.
0-19-550684-7

Kennedy, Eileen

Biology in context : the spectrum of life : option biochemistry / Eileen Kennedy.
Oxford : Oxford University Press, 2005.
0-19-555171-0

Biotechnology / Eileen Kennedy, Peter Hickman.
South Melbourne : Oxford University Press, 2004.
0-19-555034-X

Communication / Eileen Kennedy, Peter Hickman.
South Melbourne : Oxford University Press, 2004.
0-19-555030-7

Knox, Bruce

Biology : an Australian focus / Bruce Knox ... [and others].
North Ryde, N.S.W. : McGraw-Hill Australia, 2005.
0-07-471325-6

Lawson, A.

Questions in biology / A. Lawson.
Oxford : Blackwell, 1987.
0-631-90132-9

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RESOURCES

Mackean, D. G.

GCSE biology / D.G. Mackean.

London : John Murray, 2002.

0-7195-8615-1

Morrison, Reg

Australia's four-billion-year diary / Reg Morrison.

Potts Point, NSW : Saintry, 2005.

0-9581055-2-9

Nature of biology

Nature of biology. Book 1 / Judith Kinnear, Marjory Martin.

Milton, Qld. : John Wiley & Sons Australia, 2006.

0-7314-0236-7

Nature of biology. Book 1 : activity manual / Ruth Leslie ... [and others].

Milton, Qld. : John Wiley & Sons Australia, 2006.

0-7314-0237-5

Nature of biology. Book 1 : teacher resource manual / Ruth Leslie ... [and others].

Milton, Qld. : John Wiley & Sons Australia, 2006.

0-7314-0238-3

Nature of biology. Book 2 / Judith Kinnear, Marjory Martin.

Milton, Qld. : John Wiley & Sons Australia, 2006.

0-7314-0239-1

Nature of biology. Book 2 : activity manual / Ruth Leslie ... [and others].

Milton, Qld. : John Wiley & Sons Australia, 2006.

0-7314-0240-5

Nature of biology. Book 2 : teacher resource manual / Ruth Leslie ... [and others].

Milton, Qld. : John Wiley & Sons Australia, 2006.

0-7314-0241-3

Nelson Biology

Nelson Biology : VCE units 1 & 2. Student book with CD / Anne Semple ... [and others].

South Melbourne : Thomson Nelson, 2006.

0-17-012109-7

Nelson Biology : VCE units 1 & 2. Student activity manual / Daniel Avano.

South Melbourne : Thomson Nelson, 2006.

0-17-012115-1

Nelson Biology : VCE units 1 & 2. Teachers CD / Anne Semple ... [and others].

South Melbourne : Thomson Nelson, 2006.

BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Nelson Biology : VCE units 3 & 4. Student book with CD / Anne Semple ... [and others].

South Melbourne : Thomson Nelson, 2006.

0-17-012110-0

Nelson Biology. Student activity manual : VCE units 3 & 4 / Daniel Avano, Xenia Pappas.

South Melbourne : Thomson Nelson, 2006.

0-17-012116-X

Nelson Biology : VCE units 3 & 4. Teachers CD / Anne Semple ... [and others].

South Melbourne : Thomson Nelson, 2006.

Oram, Raymond F.

Biology : living systems. Student ed.

Englewood Cliffs, NJ : McGraw Hill Education, 2003

0-07-829731-1

Parker, Steve

Genetic engineering / Steve Parker.

London : Chrysalis Children's, 2005.

1-8445-8485-2

Pickering, W. R.

AS & A level biology through diagrams / W.R. Pickering.

Oxford : Oxford University Press, 2002.

0-19-914197-5

Spenceley, Maggie

Biology : a contextual approach / Maggie Spenceley ... [and others].

Port Melbourne : Heinemann, 2004.

1-7408-1351-0

Biology : a contextual approach. teacher's resource and assessment disk [electronic resource] / Maggie Spenceley ... [and others].

Port Melbourne, Vic. : Heinemann Harcourt Education, 2004.

1-7408-1353-7

Thain, Michael

The Penguin dictionary of biology / M. Thain, M. Hickman ; diagrams by Raymond Turvey.

London : Penguin, 2004.

0-14-101396-6

WA Naturalists' Club

A guide to the flora and fauna of the Rockingham offshore islands and Cape Peron / Kwinana, Rockingham and Mandurah Branch of the WA Naturalists' Club.

Rockingham, W.A. : WA Naturalists' Club, 1988.

07-3164-3197

Who decides? [game] : role play exercise.

Perth : Dept. of Environmental Protection, 1994.

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Electronic documents

Native forests and plantations of the South West of Western Australia
[electronic resource].

<http://www.forestindustries.com.au/Guidelines.PDF>

Subiaco, W.A. : Forest Industries Federation (WA), 2001.

Journals

Australasian science

Hawksburn, Vic : Control Publications, 2000-

Australian geographic : the journal of the Australian Geographic Society

Terrey Hills, N.S.W. : Australian Geographic, 1986-

Discover

[United States : Time] , 1980-.

Ecoss

East Melbourne : CSIRO, 1974-.

Habitat Australia

Fitzroy, Vic. : Australian Conservation Foundation, 1973-

Issues

Camberwell, Vic. : Australian Council for Educational Research, 1987-

Landscape : W.A.'s conservation, forests and wildlife magazine.

Como, WA : CALM, 1985-.

Nature Australia / Australian Museum.

Sydney : Australian Museum Trust, 1995-

New Scientist

[London] : Reed Business Information, 1956-

SCIOS : journal of the Science Teachers' Association of Western Australia (Inc.)

Perth : STAWA, 1965-

Teaching Science (previously *The Australian Science Teachers Journal*)

Canberra : Australian Science Teachers Association, 2004-

Videos and DVDs

Arid inland [videorecording] / writers Pam Rushby, Michael Richards ; director, cinematographer, producer Larry Zetlin.

Brisbane : Gulliver Film, 1994.

Bioethics [videorecording] / producer/director, Ben Harding.

Bendigo, Vic. : Video Education Australasia, 1996.

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RESOURCES

The cell and how it works [videorecording] / writer/director, Andrew Greig.
Warriewood, NSW : Classroom Video, 1998.

Cell division [videorecording] : mitosis and cytokinesis / direction, narration, microscopy, Jeremy Pickett-Heaps ; animation, Drew Berry.
[Melbourne?] : Cytographics, 1999.

Cell processes [videorecording] / videomicroscopy, Jeremy Pickett-Heaps ; script, Rod Rees.
[Melbourne?] : Cytographics, 2001.

Dry sclerophyll forest [videorecording] / writers Pam Rushby, Michael Richards ; director, cinematographer, producer Larry Zetlin.
Brisbane : Gulliver Film, 1994.

Ecosystems [videorecording] : an introduction / writer Pam Rushby ; director, cinematographer, producer Larry Zetlin.
Brisbane : Gulliver Film, 1994.

The future eaters [videorecording] / produced and directed by Ian Cuming and Richard Keefe.
[Sydney?] : ABC, 1998.

Inside cells [videorecording] : cells and their organelles / producer, Richard Leigh ; executive producer, Mark McAuliffe.
Bendigo, Vic. : Video Education Australasia, 2002.

Mangroves and wetlands [videorecording] / writer Pam Rushby ; director, cinematographer, producer Larry Zetlin.
Brisbane : Gulliver Film, 1994.

The pond [videorecording] : community ecology in action / producer Peter Beeh.
Warriewood, NSW : Classroom Video, 2002.

The pond [videorecording] : exploring the web of life / producer Peter Beeh.
Warriewood, NSW : Classroom Video, 2005.

Rainforests [videorecording] / writers Pam Rushby, Michael Richards ; director, cinematographer, producer Larry Zetlin.
Brisbane : Gulliver Film, 1994.

River landforms [videorecording] : from source to sea.
Bayview, NSW : Classroom Video, 1996.

Rivers and riparian fringe [videorecording] / writers Pam Rushby, Michael Richards ; director, cinematographer, producer Larry Zetlin.
Brisbane : Gulliver Film, 1994.

Rock platforms [videorecording] / produced by Peter Beeh.
Warriewood, NSW : Classroom Video, 2002.

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Urban ecosystem [videorecording] / writer Michael Richards ; director, cinematographer, producer Larry Zetlin.
Brisbane : Gulliver Film, 1994.