

Integrated Science

WACE Course

Books, Audiovisual, PDFs Resource List

Prepared for the Curriculum Council
by
CURRICULUM MATERIALS INFORMATION SERVICES
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Integrated Science Resources

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

Part One: Books, Videos, DVDs, Computer Software, PDF Documents

Part Two: Websites

Further details of each item can be found online on the CMIS Resource Bank, which is an online database. **WACE Integrated Science Course** webpage at

www.det.wa.edu.au/education/cmisis/eval/curriculum/courses/integratedscience

In this database all of the Integrated Science 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, DVDs, Computer Software, PDF Documents

Adaptations of aquatic organisms, and macro-invertebrates.

West Perth : WestOne Services, 2008.

Adhesives and paints.

West Perth : WestOne Services, 2008.

Alcohol use / editor Justin Healey.

Rozelle, N.S.W. : Spinney, 2002.

978-1-87681-173-0

Almost heaven : the story of women in space / Bettyann Holtzmann Kevles.

Cambridge, Mass. : MIT Press, 2006.

978-0-262-61213-5

Amazing H2O [videorecording] / writer/producer, Dick Beilby.

[Perth] : ABC, 2000.

Aquatic case study, and water properties.

West Perth : WestOne Services, 2008.

The art of teaching science / Grady Venville and Vaille Dawson.

Crows Nest, N.S.W. : Allen & Unwin, 2004.

978-1-7411-4217-4

Atom bond [videorecording] : the atom with the golden electron / script, producer, John Davis.

Warriewood, N.S.W. : Classroom Video, 1999.

Biology and biotechnology : science, applications, and issues / Helen Kreuzer, Adrienne Massey.

Washington, D.C. : ASM, 2005.

978-1-555-81304-8

Biotechnology from A to Z / by William Bains.

Oxford : Oxford University Press, 2004.

978-0-19-852498-4

Biotechnology / John E. Smith.

Cambridge : Cambridge University Press, 2004.

978-0-521-54077-3

Biotechnology unzipped : promises and realities / Eric S. Grace.

Washington, D.C. : Joseph Henry, 2006.

978-0-309-09621-8

Bonding between atoms [videorecording] / produced & written by John Davis.

Warriewood, N.S.W. : Classroom Video, 2004.

Bonding between molecules [videorecording] / produced & written by John Davis.

Warriewood, N.S.W. : Classroom Video, 2004.

Buildings of the future / Angela Royston.

London : Heinemann Library, 2008.

978-0-431-02986-3 hbk \$38.50

Carbon cycles and cycles [videorecording] / script, Arthur Tanaka, John Davis.

Warriewood, N.S.W. : Classroom Video, 2001.

Case studies in sustainability [electronic resource] : hope for the future in Western Australia / [edited by] Rebecca Armstrong, Simone Ruane and Peter Newman.

Perth : Institute for Sustainability & Technology Policy Publications, Murdoch University, 2002.

0-86905-826-6

Chemistry of carbon [videorecording] / producer/script, John Davis.

Warriewood, N.S.W. : Classroom Video, 2005.

Collisions [videorecording].

Frenchs Forest, N.S.W. : Classroom Video, 1988.

Composites [videorecording] : properties and uses / written, produced & directed by Rod Rees.

Warriewood, N.S.W. : Classroom Video, 2002.

Consumerism of the future / Angela Royston.

London : Heinemann Library, 2008.

978-0-431-02988-7 hbk \$38.50

A dictionary of aquaculture : a guide to commonly used words and terms / compiled by Dos O'Sullivan, Mark Hilder, Kirsten Rough.

Launceston, Tas. : University of Tasmania at Launceston, 1996.

The dish [videorecording] / written, produced and directed by Santo Cilauro ... [and others] ; director, Rob Sitch.

[U.S.] : Roadshow Home Entertainment, [2000].

Drive safe : a handbook for Western Australian road users / prepared by the Department for Planning and Infrastructure.

[Perth] : Dept. for Planning and Infrastructure, 2005.

Earth and environmental science : the HSC course / Tom Hubble, Chris Huxley, Iain Imlay-Gillespie.

Cambridge : Cambridge University Press, 2002.

0-521-01663-0

Earth and environmental science : the preliminary course / Iain Imlay-Gillespie and Chris Huxley.

Cambridge : Cambridge University Press, 2002.

0-521-89020-9

Ecology / Tracey Greenwood ... [and others].

Hamilton, N.Z. : Biozone International, 2006.

978-1-87732-986-9

The encyclopedia of recreational diving [electronic resource].

Margarita, Calif. : PADI, 2006.

Encyclopedia of the oceans / Dorrik Stow.

Oxford : Oxford University Press, 2004.

978-0-19-860687-1

Energy and the environment / Robert A. Ristinen, Jack J. Kraushaar.

Hoboken, N.J. : John Wiley, 2006.

978-0-471-73989-0

Energy : it's use and the environment / Roger A. Hinrichs, Merlin Kleinbach.

Belmont, Calif. : Thomson, 2006.

978-0-495-01085-2

Energy of the future / Angela Royston.

London : Heinemann Library, 2008.

978-0-431-02989-4 hbk \$38.50

Energy systems and sustainability / edited by Godfrey Boyle, Bob Everett and Janet Ramage.

Oxford : Oxford University Press, 2003.

978-0-19-926179-6

Environmental biotechnology / Alan Scragg.

Oxford : Oxford University Press, 2005.

978-0-19-926867-2

Environmental biotechnology : theory and application / Gareth M. Evans, Judith C. Furlong.

Chichester : John Wiley, 2003.
978-0-470-84373-4

Ethics and implications of food and agricultural genetics [videorecording].

Warriewood, N.S.W. : Classroom Video, 1999.

Ethics and implications of medical genetics [videorecording].

Warriewood, N.S.W. : Classroom Video, 1999.

Eureka! [videorecording].

[Toronto] : TVOntario, [1981?].

Exploring the Nardoo [computer software] : an imaginary inland river environment to investigate, maintain and improve.

[Canberra?] : Interactive Multimedia, 1996.

Eyes on Mars [videorecording].

[United States] : Space Holding Corp., 2003.
978-1-89439-528-1

The Facts on File dictionary of forensic science / Suzanne Bell.

New York : Checkmark Books, 2004.
978-0-8160-5131-1

Ferrous metals [videorecording] : properties and uses / producer/director/camera, Rod Rees ; executive producer, John Davis.

Warriewood, N.S.W. : Classroom Video, 2002.

Floating, sinking & swimming [videorecording] / writer producer, Dick Beilby.

[Perth] : ABC, 2000.

Forensic DNA analysis / Lawrence Kobilinsky, Louis Levine, and Henrietta Margolis-Nunno.

New York : Chelsea House, 2007.
978-0-7910-8923-1

Forensic science : for ages 10+ / by Fiona Rayns ; [illustrated by Murray Smoker].

Greenwood, W.A. : Ready-Ed, 2005.
978-1-86397-612-1

Forensic science for high schools. Book 1 / Jeanette Jolley and John Powrie.

Glebe, N.S.W. : Emerald City Books, 2000.
1-87613-376-7

Forensic science for high schools. Book 2 / Jeanette Jolley and John Powrie.

Glebe, N.S.W. : Emerald City Books, 2000.
1-87613-377-5

Forensic science hypothetical : the kidnapping of Jamie Lawson / Jeannette Jolley.

Clayton South, Vic : Blake Education, 2005.
978-1-86509-749-7

Forensic science laboratory manual and workbook / Thomas A. Kubic, Nicholas Petraco.

Boca Raton, Fla. : Taylor & Francis, 2005.
978-0-8493-2132-0

Forensic science : the basics / Jay A. Siegel.

Boca Raton, Fla. : CRC/Taylor & Francis, 2007.
978-0-8493-4631-6

Fundamentals of forensic science / Max Houst, Jay Siegel.

Amsterdam, : Elsevier, 2006.
978-0-12-356762-8

Fundamentals of science. Book 4 / edited by John Anderton.

South Melbourne : Longman, 1999.
0-7339-0225-1

General science topics & issues for senior students. Book 1 / Howard Clark and Joanne Heaume.

Clayton South, Vic. : Learning Essentials, 2004.
978-1-86509-667-4

General science topics & issues for senior students. Book 2 / Howard Clark and Joanne Heaume.

Clayton South, Vic. : Learning Essentials, 2004.
978-1-86509-668-1

Genetics and reproduction [videorecording] / producer & writer Daniella Goldberg.

Warriewood, N.S.W. : Classroom Video, 2001.

Hatchery manual for the production of Snapper (Pagrus auratus) and Black bream (Acanthopagrus butcheri) / Gavin J. Partridge, Greg I. Jenkins, Ken R. Frankish.

Fremantle, W.A. : Aquaculture Development Unit, Challenger TAFE, 2003.
978-0-7307-9087-7

Heinemann achieve science. One : alternative outcomes-based worksheets / Elizabeth Downey.

Port Melbourne : Heinemann, 2002.
978-0-86462-925-8

Heinemann achieve science. Two : alternative outcomes-based worksheets / Elizabeth Downey.

Port Melbourne : Heinemann, 2002.
978-0-86462-927-2

Heinemann biology. 2. Student workbook : VCE units 3 & 4 / Yvonne Sanders.
Port Melbourne : Heinemann, 2005.
1-7408-1500-9

Heinemann physics for Western Australia. 11 / Jeff Cahill.
Port Melbourne : Heinemann, 2003.
1-7408-1101-1

Heinemann science for Western Australia. 3 / Jeff Cahill, Regan Spence.
Port Melbourne : Heinemann, 1999.
0-86462-404-2

Heinemann senior science. 1 / Wendy Aylmer ... [and others]
Port Melbourne : Heinemann, 2001.
978-0-86462-760-5

Heinemann senior science. 2 / Wendy Aylmer ... [and others]
Port Melbourne : Heinemann, 2001.
978-0-86462-761-2

Herdsmen Lake Wildlife Centre [website].
Wembley, W.A. : W.A. Gould League, 2003- .

History of the race to the moon [videorecording].
Warriewood, N.S.W. : Classroom Video, 2001.

**Hitting the road [videorecording] : risk factors for young drivers /
Producer/director, Jared Marshall ; writer/associate producer, Simon Garner.**
Bendigo, Vic. : Video Education Australasia, 2005.

**Hitting the road [videorecording] : risk factors for young drivers /
producer/director, Jared Marshall ; writer/associate producer, Simon Garner.**
Bendigo, Vic. : Video Education Australasia, 2005.

**Hope for the future [electronic resource] : the Western Australian state
sustainability strategy : a vision for quality of life in Western Australia.**
Perth : Dept. of the Premier and Cabinet, 2003.
978-0-7307-0214-6

**Hope for the future : the Western Australian state sustainability strategy : a vision
for quality of life in Western Australia.**
Perth : Dept. of the Premier and Cabinet, 2003.
978-0-7307-0212-2

**Integrated science. Unit 1A. Modules 1-4. Late adolescence, 11-12. Learning
resource. [electronic resource].**
West Perth : WestOne Services, 2008.

**Integrated science. Unit 1B. Modules 1-4. Late adolescence, 11-12. Learning
resource. [electronic resource].**
West Perth : WestOne Services, 2008.

Introduction to biotechnology / William J. Thieman, Michael A. Palladino.
San Francisco : Pearson Benjamin Cummings, 2004.
978-0-8053-4825-5

An introduction to marine studies / [author Bob Moffatt].
Coolangatta, Qld. : Wet Paper, 2005.
978-1-86283-044-8

Investigating Lake Illuka [electronic resource] / developed by Interactive Multimedia Learning Laboratory, University of Wollongong, Faculty of Education.
Wollongong, N.S.W. : Interactive Multimedia, 1997.

The Isaac Newton school of driving : physics & your car / Barry Parker.
Baltimore, Md. : Johns Hopkins University Press, 2003.
978-0-8018-7417-8

Marine biology exercises / Bob Moffat.
Coolangatta : Wet Paper, 2006.
978-1-86283-088-2

Marine biology exercises. Teacher's guide / Bob Moffatt.
Coolangatta, Qld. : Wet Paper, 2006.
978-1-86283-088-2

Marine science for Australian students / compiled by Bob Moffatt, Tim Ryan, Leon Zann.
Currumbin, Qld. : Wet Paper, 2003.
1-86283-077-0

Marine teachers friend [electronic resource] : a publication for schools to help teachers plan workprograms and in-service courses in marine studies / Bob Moffat ... [and others].
Coolangatta, Qld. : Wet paper, 2003.

Microbiology and biotechnology / Pauline Lowrie, Susan Wells.
Cambridge : Cambridge University Press, 2000.
978-0-521-78723-9

Mythbusters. Volume 2 [videorecording] / written, directed & produced by Peter Rees.
[United States] : Beyond Productions, 2003.

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 / Judith Kinnear, Marjory Martin.
Milton, Qld. : John Wiley & Sons Australia, 2006.
0-7314-0239-1

New cosmos : an intimate guide to the latest discoveries in space / Dana Berry ; introduction by Eric J. Chaisson.

Sydney : ABC, 2006.
978-0-7333-1645-6

Non ferrous metals [videorecording] / writer/producer, Rod Rees ; executive producer, John Davis.

Warriewood, N.S.W. : Classroom Video, [2002].

The nursery and garden chemicals.

West Perth : WestOne Services, 2008.

Open water diver manual.

Margarita, Calif. : PADI, 2005.
978-1-87866-316-0

Oxford big ideas : science 1 / Daniela Nardelli, Angela Stubbs.

South Melbourne : Oxford University Press, 2008.
978-0-19-556715-1

Physical and chemical changes [videorecording]: four weddings and a friendship / writer producer John Davis.

Warriewood, N.S.W. : Classroom Video, 2000.

Physics for you / Keith Johnson.

Cheltenham : Nelson Thornes, 2001.
0-7487-6236-1

The planets [videorecording] / executive producer, John Lynch.

[London] : BBC, 1999.

Plastics [videorecording] : properties and uses / produced and directed by Rod Rees ; editor, Phil Sheppard ; executive producer, John Davis.

Warriewood, N.S.W. : Classroom Video, 2002.

The pond [videorecording]: community ecology in action / producer Peter Beeh.

Warriewood, N.S.W. : Classroom Video, 2002.

The pond [videorecording] : exploring the web of life / producer Peter Beeh.

Warriewood, N.S.W. : Classroom Video, 2005.

Practical skills in forensic science / Alan Langford ... [and others].

Harlow : Pearson Prentice Hall, 2005.
978-0-13-114400-2

Practical skywatching / Robert Burnham ... [and others].

San Francisco. : Fog City Press, 2006.
978-1-87677-891-0

Queensland science. 3 / Nicholas Chandler.

Melbourne : Longman, 2001.
978-0-7339-1359-4

Redesigning nature [videorecording] : gene technology / writer/producer Carolyn Jones.

[Sydney] : ABC, 2003.

Redesigning nature [videorecording] : gene technology / writer/producer Carolyn Jones.

[Sydney] : ABC, 2003.

Redox rocks [videorecording] / writers: Nola Shoring, John Davis.

Warriewood, N.S.W. : Classroom Video, 2003.

The right stuff [videorecording] / written and produced by Rick King.

[U.S.?] : Discovery Communications, 2001.

River health [videorecording] : caring for our waterways / director, producer Ben Pederick .

Bendigo, Vic. : Classroom Video, 2005.

Road safety / editor Justin Healey.

Thirroul, N.S.W. : Spinney, 2004.

978-1-920801-13-7

SCI. 4 / Geoff Phillips ... [and others].

Sydney : Longman, 2002.

0-7339-2091-8

Science in cosmetics [videorecording] / director, Christine Rogers ; writer Cath Collins.

Bendigo, Vic. : Classroom Video, 2006.

Science in society / Perry ... [and others].

Milton, Qld. : Jacaranda, 1998.

978-0-7016-3375-2

The science of building a racing car / by Ian Graham ; consultant, Bryan Yager.

Tunbridge Wells : Ticktock Media, 2004.

978-1-86007-583-4

The science of space. Book 1 / Wendy St Germain & Peter Gribben.

Malvern, Vic. : Learning Essentials, 2002.

1-86509-680-6

The science of space. Book 2 / Wendy St Germain & Peter Gribben.

Malvern, Vic. : Learning Essentials, 2002.

1-86509-681-4

Science principles and recreational uses of water.

West Perth : WestOne Services, 2008.

Science quest. 4 : for the Curriculum and Standards Framework II and the National Curriculum for Australian schools/ Graeme Lofts, Merrin J. Evergreen ; contributing authors, Paul Butler ...[and others].

Milton, Qld. : John Wiley & Sons Australia, 2000.

0-7016-3496-0

Science topics for senior students. Book 1 / Peter Gribben and Wendy St Germain.

Glebe, N.S.W. : Emerald City, 2001.

978-1-86509-653-7

Science topics for senior students. Book 2 / Peter Gribben and Wendy St Germain.

Glebe, N.S.W. : Emerald City, 2001.

978-1-86509-654-4

Science topics for senior students. Book 3 / Peter Gribben and Wendy St Germain.

Glebe, N.S.W. : Emerald City, 2001.

978-1-86509-655-1

ScienceWorld. Book 3 / Peter Stannard, Ken Williamson.

South Yarra, Vic. : Macmillan, 2001.

0-7329-6449-0

The scientific method [videorecording] / writers Brenden Dannaher, Corinna Klupiec ; producer Corinna Klupiec.

Warriewood, N.S.W. : Classroom Video, 2004.

Senior science. Book 1 / Bob McAllister, Peter Stannard and Ken Williamson.

South Melbourne : Macmillan of Australia, 1992.

978-0-7329-1845-3

Senior science. Book 2 / Bob McAllister, Peter Stannard, Ken Williamson ; technical art Brent Hagen ; cartoons Chris Dent.

South Melbourne : Macmillan, 1994.

978-0-7329-1872-9

Senior science : lifestyle chemistry / David Heffernan.

Marrickville, N.S.W. : Science, 2003 [i.e. 2002]

978-0-85583-474-6

Sergeant magnet of the electron army [videorecording] / producer & writer, John Davis.

Warriewood, N.S.W. : Classroom Video, 2003.

Skills in biology / [writing team: Tracey Greenwood ... [and others]].

Hamilton, N.Z. : Biozone International, 2007.

978-1-87746-214-6

Snorkelling workbook / written by Bob Moffatt.

Ashmore, Qld. : Wet Paper Publications, 2000.

978-1-86283-049-3

Solar system [videorecording] / produced by Jean-Luc Barreau.
[Luxembourg] : Warm-Up, 2006.

Space odyssey [videorecording] : voyage to the planets / produced by Christopher Riley ; directed by Joe Ahearne.
[London] : BBC, 2005.

Space : the fragile frontier / Mark Williamson.
Reston, Va. : American Institute of Aeronautics and Astronautics, 2006.
978-1-563-47776-8

Space [videorecording] / with Sam Neill ; produced and directed by Luke Campbell, Jeremy Turner ; series producer, Richard Burke-Ward.
[Bristol?] : BBC Video, 2002.

Sports equipment and crime scene.
West Perth : WestOne Services, 2008.

Spotlight chemistry. Preliminary / Richard Alliband ... [and others].
Marrickville, N.S.W. : Science Press, 2004.
0-85583-365-3

Spotlight earth & environmental science. Preliminary / David Heffernan ... [and others].
Marrickville, N.S.W. : Science Press, 2002 [i.e. 2001]
0-85583-436-6

Spotlight senior science / David Heffernan ... [and others].
Marrickville, N.S.W. : Science, 2001.
978-0-85583-386-2

Spotlight senior science. HSC / David Heffernan ... [and others].
Marrickville, N.S.W. : Science, 2007.
978-0-85583-566-8

Spotlight senior science. Preliminary / David Heffernan ... [and others].
Marrickville, N.S.W. : Science, 2006.
978-0-85583-565-1

Spotlight senior science teacher's resource [electronic resource] : preliminary & HSC.
Marrickville, N.S.W. : Science, [2007].
978-0-85583-568-2

Starlight [videorecording] / producer, John Davis.
Warriewood, N.S.W. : Classroom Video, 1999.

Taps & toilets [videorecording] / writer/producer, Dick Beilby.
[Perth] : ABC, 2000.

Tools and electrical.
West Perth : WestOne Services, 2008.

Travel of the future / Angela Royston.

London : Heinemann Library, 2008.
978-0-431-02987-0 hbk \$38.50

Vertebrates (fish), and fishing.

West Perth : WestOne Services, 2008.

The water planet [videorecording] / writer producer, Dick Beilby.

[Perth] : ABC, 2000.

Wet cells, dry cells, fuel cells [videorecording] : an introduction / producer/director Bernard Motut.

Warriewood, N.S.W. : Classroom Video, 2004.

Where river meets sea : exploring Australia's estuaries / Lynne Turner ... [and others].

Brisbane : Cooperative Research Centre for Coastal Zone, Estuary and Waterway Management, 2004.
978-0-643-09258-7

Wonders of the universe. Part 1 [videorecording] / produced by Terence Murtagh.

[England?] : York Films of England, 1995.

Wonders of western waters : the marine life of South-Western Australia / written and photographed by Sue Morrison & Ann Storrie.

Como, W.A. : Dept. of Conservation and Land Management, 1999.
978-0-7309-6894-8

Year 11 biology. Student workbook : 2008 / [Tracey Greenwood ... [and others]].

Gold Coast Mail Centre, Qld. : BIOZONE International, 2007.
978-1-87746-202-3

Year 12 biology 2006. Student resource and activity manual / [writing team, Tracey Greenwood, Richard Allan, Lyn Shepherd].

Gold Coast Mail Centre, Qld. : Biozone International, 2005.
1-87732-952-5

Year 12 biology. Student workbook : 2008 / [Tracey Greenwood ... [and others]].

Gold Coast Mail Centre, Qld. : BIOZONE International, 2007.
978-1-87746-203-0