

Human Biological Sciences

Course of Study

Resource List

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by
CURRICULUM MATERIALS INFORMATION SERVICES
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HUMAN 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 and Electronic Documents

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 Human Biological Sciences Course of Study webpage at

www.eddept.wa.edu.au/cmisis/eval/curriculum/courses/humanbiology/index.htm

In this database all of the Human 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

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

Genetics : the code broken / Peter Aubusson, Eileen Kennedy, Peter Hickman.
South Melbourne : Oxford University Press, 2004.
0-19-555032-3

Australian Academy of Science

Biological science : the web of life. Student's manual. Part 2.
Canberra : Australian Academy of Science, 1988
0-85847-081-0

Beers, Mark H. [ed.]

The Merck manual of medical information / Mark H. Beers, editor-in-chief.
New York : Pocket Books, 2004.
0-7434-7733-2

Biozone International

Teacher resource CD-ROM [electronic resource] : ***Year 11 biology 2006, Year 12 biology 2006.***
Gold Coast, Qld. : Biozone International, 2005.

Biozone Learning Media Australia

Model answers. Year 11 biology 2006 student resource & activity manual.
Gold Coast Mail Centre, Qld. : Biozone Learning Media Australia, 2005.
1-877329-53-3

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Biozone Learning Media Australia

Model answers. Year 12 biology 2006 student resource & activity manual.

Gold Coast Mail Centre, Qld. : Biozone Learning Media Australia, 2005.

1-87732-954-1

Boyle, Mike

Human biology / Mike Boyle, Kathryn Senior.

London : Collins Advanced Science, 2002.

0-00-713599-8

Centre for Genetics Education

Genetics resource book : the Australian and New Zealand directory of genetics support groups, services and information 2004-2005 / produced by the Centre for Genetics Education in conjunction with genetics services throughout Australia and New Zealand

St Leonards, N.S.W. : Centre for Genetics Education, 2004.

0-9580797-2-2

Cherfas, Jeremy

The human genome / Jeremy Cherfas.

London : Dorling Kindersley, 2002.

0-7513-3716-1

Chidrawi, Glenda

Biology options : communication / Glenda Chidrawi; Marilyn Mercer

Sydney : McGraw-Hill, 2003.

0-07-471244-6

Cunningham, Fiona

Geneissues [CD-ROM] : ***medical miracles, ethical dilemmas*** / written and coordinated by Fiona Cunningham

[Australia] : Gene CRC, [2002].

Davidson, Sue

Human body revealed / written by Sue Davidson and Ben Morgan.

London : Dorling Kindersley, 2002.

0-7513-4423-0

Deleuil, Leon [ed.]

Year 11 human biology laboratory manual / edited by Leon Deleuil.

Osborne Park, WA : Science Teachers' Association of W.A., 2003.

0-949820-23-7

Deleuil, Leon [ed.]

Year 12 human biology laboratory manual / edited by Leon Deleuil.

Osborne Park, WA : Science Teachers' Association of W.A., 2003.

0-949820-24-5

Greenwood, Tracey

Year 11 biology 2006. Student resource and activity manual / [writing team, Tracey Greenwood, Richard Allan, Lyn Shepherd].

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

1-877329-51-7

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Greenwood, Tracey

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

Healey, Justin [ed.]

Debating the issues / edited by Justin Healey.
Thirroul, N.S.W. : Spinney, 2005.
1-920801-33-2

Hickman, Peter

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

Hollis, Stephanie

Biology options : the human story / Stephanie Hollis.
Sydney : McGraw-Hill, 2004
0-07-471243-8

Humphreys, Kerri

Biology : communication / Kerri Humphreys.
Marrickville, NSW : Science, 2003 [i.e. 2002]
0-85583-461-7

Humphreys, Kerri

Biology : the search for better health / Kerri Humphreys.
Marrickville, NSW : Science, 2002.
0-85583-456-0

Kapit, Wynn

The anatomy coloring book / Wynn Kapit, Lawrence M. Elson.
San Francisco : Benjamin Cummings, 2002.
0-8053-5086-1

Kapit, Wynn

The physiology coloring book / Wynn Kapit, Robert I. Macey, Esmail Meisami.
Cambridge : HarperCollins, 1987.
0-06-043479-1

Kennedy, Eileen

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

Kinnear, Judith

Nature of biology. Book 1 / Judith Kinnear, Marjory Martin.
Milton, Qld. : John Wiley & Sons Australia, 2006.
0-7314-0236-7

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Leslie, Ruth

Nature of biology. Book 1 : activity manual / Ruth Leslie ... [and others].
Milton, Qld : John Wiley & Sons Australia, 2006.
0-7314-0237-5

Leslie, Ruth

Nature of biology. Book 2 : activity manual / Ruth Leslie ... [and others].
Milton, Qld : John Wiley & Sons Australia, 2006.
0-7314-0240-5

Mackean, D. G.

GCSE biology / D. G. Mackean.
London : John Murray, 2002.
0-7195-8615-1

McLaughlin, Leonie

Biology options : genetics - the code broken? / Leonie McLaughlin; Stephen Hitchings.
Sydney : McGraw-Hill, 2003.
0-07-471242-X

Mason, Margaret

Biology : a contextual approach. Student Activity Pack / Margaret Mason [and others].
Port Melbourne : Heinemann, 2004.
1-74081-226-3

Masters, Colin

DNA and the body : what you need to know about biotechnology / Colin Masters.
Sydney : UNSW, 2005.
0-86840-984-7

Newton, T. J.

An introduction to human perspectives / T.J. Newton, A.P. Joyce.
Sydney : McGraw-Hill, 2006.
0-07-471683-2

Newton, T. J.

An introduction to human perspectives BLM and CD-ROM / T.J. Newton, A.P. Joyce.
Sydney : McGraw-Hill, 2006.
0-07-471688-3

Newton, T. J.

Human perspectives. Book 1. [5th ed.] / T.J. Newton, A.P. Joyce.
Sydney : McGraw-Hill, 2006.
0-07-471684-0

Newton, T. J.

Human perspectives. Book 1. [BLM and CD-ROM.] / T.J. Newton, A.P. Joyce.
Sydney : McGraw-Hill, 2006.
0-07-471686-7

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Newton, T. J.

The essential dictionary of human biology / T.J. Newton, A.P. Joyce.
Sydney : McGraw-Hill, 1996. [new edition 2007]
0-07-470294-7

Panno, Joseph

Cancer : the role of genes, lifestyle and environment / Joseph Panno.
New York : Facts On File, 2005.
0-8160-4950-5

Panno, Joseph

Gene therapy : treating disease by repairing genes / Joseph Panno.
New York : Facts On File, 2005.
0-8160-4948-3

Pickering, W. R.

AS & A level biology through diagrams / W.R. Pickering.
Oxford : Oxford University Press, 2002.
0-19-914197-5

Pickering, W. R.

Human biology through diagrams / W.R. Pickering.
Oxford : Oxford University Press, 2002.
0-19-914196-7

Semple, Anne

Biology : VCE units 3 & 4 / Anne Semple ... [and others].
South Melbourne : Thomson Nelson, 2006.
0-17-012110-0

Smith, Tony [ed.]

The human body : an illustrated guide to its structure, function, and disorders /
editor-in-chief, Tony Smith.
[Collingwood, Vic] : Ken Fin, 2000.
1-7404-1048-3

Spenceley, Maggie

Biology : a contextual approach / Maggie Spenceley ... [and others].
Port Melbourne : Heinemann, 2004.
1-7408-1351-0

Think about it [CD-ROM] : ***understanding organ and tissue donation, national schools project.***

South Melbourne : Australians Donate, 2004.

Tortora, Gerard J.

Atlas of the skeleton, surface anatomy and selected medical images / Gerard J.
Tortora ; cadaver photographs by Mark Nielsen.
New York : Wiley, 2006.
0-471-71428-3

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Tortora, Gerard J.

Principles of anatomy and physiology / Gerard J. Tortora, Bryan Derrickson.
New York : Wiley, 2006.
0-471-68934-3

Walker, Richard

Body / written by Richard Walker.
London : Dorling Kindersley, 2005.
1-405-31042-1

Walker, Richard

DK guide to the human body / Richard Walker.
London : Dorling Kindersley, 2004.
0-7513-3926-1

Walker, Richard

Encyclopedia of the human body / Richard Walker.
London : Dorling Kindersley, 2003.
1-405-30526-6

Winston, Robert [cons.]

Human / editorial consultant, Robert Winston.
London : DK, 2004.
1-405-30233-X

JOURNALS

Australasian science

Hawksburn, Vic : Control Publications, 2000-

Discover

[United States : Time] , 1980-

Issues

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

Monash bioethics review

[Clayton, Vic.] : Monash University, Centre for Human Bioethics, 1994- .

New Scientist

[London] : Reed Business Information, 1956-

VIDEOS, DVDS

Atoms alive [videorecording] / writer, producer, Dick Beilby.
[Australia] : ABC, 2002.

Bioethics [videorecording] / producer/director, Ben Harding.
Bendigo, Vic : Video Education Australasia, 1996.

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

The difference between us [videorecording] / written, produced and directed by Christine Herbes-Sommers.
[San Francisco] : California Newsreel, 2003.

The human body [videorecording] / series producer Richard Dale.
[Australia] : BBC Worldwide, 1998.

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PART TWO

WEBSITES AND ELECTRONIC DOCUMENTS

18 ways to make a baby [website].

Alexandria, Va. : PBS, 2001-

<http://www.pbs.org/wgbh/nova/baby/>

Access excellence [website] : the National Health Museum.

Washington, D.C. : National Health Museum, 2005-

<http://www.accessexcellence.org/>

ActionBioscience.org [website].

Washington, D.C. : American Institute of Biological Sciences, 2000-

<http://www.actionbioscience.org/index.html>

American Association of Anatomists [website] : resource links.

Bethesda, Ma. : American Association of Anatomists, 2005-

http://www.anatomy.org/Resources/resource_links.htm

APS education online [website] : education resources of the American Physiology Society.

Bethesda, Ma. : APS, 2003-

http://www.the-aps.org/education/edu_k12.htm

Australian Academy of Science [website].

Canberra : Australian Academy of Science, 2002-

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

Australian Department of Health and Ageing [website].

[Canberra] : Commonwealth Department of Health and Ageing, 2002-

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

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Basic genetics [website] : a glossary of genetic terms.

Bethesda, Md. : National Human Genome Research Institute, National Institutes of Health, 2005-

<http://www.kamous.com/translator/s.asp?l=794>

Becoming human [website] : journey through the story of human evolution in a broadband documentary experience.

[Tempe, Ariz.] : Institute of Human Origins, 2001-

<http://www.becominghuman.org/>

BEEP [website] : BioEthics Education Project.

[Bristol] : BioEthics Education Project, 2005-

<http://www.beep.ac.uk/content/index.php>

Biochem4schools [website].

London : Biochemical Society, [2005?]-

<http://www.biochem4schools.com/>

Bioethics discussion pages [website] / moderated by Maurice Bernstein.

[United States] : M. Bernstein, 1997-

<http://www-hsc.usc.edu/~mbernste/>

Bioethics resources on the Web [website].

Bethesda, Md. : National Institutes of Health, 2005-

<http://www.nih.gov/sigs/bioethics/>

Biointeractive [website].

[United States] : Howard Hughes Medical Institute, 2005-

<http://www.hhmi.org/coolscience/>

Biotechnology online [website].

[Canberra?] : Biotechnology Australia, 2001-

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

Biozone [website].

Hamilton N.Z. : Biozone International, 2005- .

<http://www.biozone.co.uk/>

Bird flu [website] : the pandemic clock is ticking.

Canberra : Australian Academy of Science, 2005.

<http://www.science.org.au/nova/090/090key.htm>

Catalyst [website].

[Sydney] : ABC, 2005-

<http://www.abc.net.au/catalyst/>

Cell biology and cancer [website].

Bethesda, Md. : National Institutes of Health, Office of Science Education, [2003?]-

<http://science.education.nih.gov/supplements/nih1/cancer/default.htm>

Centre for genetics education [website].

St Leonards, NSW : Centre for Genetics Education, 2005-

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

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Centre for Human Bioethics [website].

Clayton, Vic : Monash University, Centre for Human Bioethics, 2005-
<http://www.arts.monash.edu.au/bioethics/>

Cloning in focus [website] / Genetic Science Learning Center at the University of Utah.

Salt Lake City, Utah : University of Utah, 2006-
<http://gslc.genetics.utah.edu/units/cloning/>

Cracking the code of life [website].

Boston : WGBH Science Unit, 2001-
<http://www.pbs.org/wgbh/nova/genome>

DNA from the beginning [website].

Cold Spring Harbor, N.Y. : DNA Learning Center, 2000-
<http://www.dnafb.org/dnafb/>

DOEgenomes.org [website] : genome programs for the U.S. Department of Energy Office of Science.

Washington, D.C. : U.S. Department of Energy, Office of Science, 2003-
<http://doegenomestolife.org/>

Emerging and re-emerging infectious diseases [website].

Bethesda, Md. : National Institutes of Health, Office of Science Education, [2003?]-
<http://science.education.nih.gov/supplements/nih1/diseases/default.htm>

Evolution [website] : a journey into where we're from and where we're going.

[Boston] : WGBH Educational Foundation, 2001- .
<http://www.pbs.org/wgbh/evolution/>

Excite [website] : National Center for Chronic Disease Prevention and Health Promotion.

[U.S.] : Centers for Disease Control and Prevention, 2003-
<http://www.cdc.gov/excite/index.htm>

Exploratorium [website] : the museum of science, art and human perception.

San Francisco, Calif. : Exploratorium, 2003-
<http://www.exploratorium.org>

Fighting disease [website] : health at the end of the millennium.

[Geneva] : United Nations Publications, 2000-
<http://www.un.org/Pubs/CyberSchoolBus/special/health/index.html>

Galapagos education [website] : resources for teaching evolution / [writer Richard Benz].

Arlington : National Science Teachers Assoc., [2005?]-
<http://www.pubs.nsta.org/galapagos/resources/page1.html>

Gene almanac [website] : the source of timely information about genes in your life.

Cold Spring Harbor, N.Y. : Dolan DNA Learning Center, [200-?]- .
<http://www.dnalc.org/home.html>

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

RESOURCES

Gene issues [website] : genetics and society in a genomic world.

Parkville, Vic : Genetic Education Unit, Murdoch Childrens Research Institute, 2005-
<http://www.genecrc.org/>

Gene Technology Access Centre [website].

Parkville, Vic : Gene Technology Access Centre, 2005- .
<http://www.gtac.edu.au/site/home.html>

Genetic engineering news [website] : the leading publication in biotechnology.

New Rochelle, N.Y. : Genetic Engineering News, 2006 -
<http://www.genengnews.com/>

Genetic Science Learning Center [website] : helping people understand how genetics affects our lives and society.

Salt Lake City : University of Utah, [2000?]-
<http://gslc.genetics.utah.edu/>

Genome.gov [website] : National Human Genome Research Institute, National Institutes of Health.

Bethesda, Md. : National Human Genome Research Institute, National Institutes of Health, 2005-
<http://www.genome.gov/>

Genomics [website] : genetics & public policy.

[East Perth] : Dept. of Health, 2005-
http://www.population.health.wa.gov.au/genomics/genetics_council.cfm

Get body smart [website] : an online examination of human anatomy and physiology / Scott Sheffield.

[United States] : ConceptCreators, 2005-
<http://www.getbodysmart.com/index.htm>

Heart Foundation of Australia [website].

Deakin, ACT : The Foundation, [2000?]-
<http://www.heartfoundation.com.au/>

Human anatomy online - InnerBody.com [website].

[United States] : Inner Learning Online, 2000.
<http://www.innerbody.com/htm/body.html>

Human Genome Project [website] : exploring our molecular selves.

Bethesda, Md. : National Human Genome Research Institute, National Institutes of Health, 2005-
<http://www.genome.gov/Pages/EducationKit/index.html>

Human Genome Project information [website].

[United States] : U.S. Department of Energy Office of Science, 2004-
http://www.ornl.gov/sci/techresources/Human_Genome/home.shtml

Malaria Foundation International [website].

Atlanta, Ga. : Malaria Foundation International, 2006-
<http://www.malaria.org>

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

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Monash IVF [website].

Richmond, Vic : Monash IVF, 2005-
<http://www.monashivf.edu.au/index.html>

Origins of man activity [website].

[United States] : Center for Teaching History with Technology, [200-?]-
<http://www.thwt.org/origins-tech.htm>

Race - the power of an illusion [website].

[San Francisco] : California Newsreel, 2003-
http://www.pbs.org/race/000_General/000_00-Home.htm

Reproduction, fertility and development [website].

Collingwood, Vic : CSIRO, 1989-
<http://www.publish.csiro.au/nid/44.htm>

ScienceDaily [website].

Chevy Chase, Md. : ScienceDaily, 1995-
<http://www.sciencedaily.com/>

ScienCentral news [website] : making sense of science.

New York : ScienCentral, 2000-
<http://www.sciencentral.com/>

Secrets of the sequence video series [website].

Richmond, Va. : Eugene P. and Lois E. Trani Center for Life Sciences, Virginia Commonwealth University, 2005-
http://www.pubinfo.vcu.edu/secretsofthesequence/playlist_frame.asp

Society for Neuroscience [website] : advancing the understanding of the brain and nervous system.

Washington, D.C. : Society for Neuroscience, 2005-
<http://web.sfn.org/>

Stem cells [website] : gateway to 21st century medicine.

Canberra : Australian Academy of Science, 2003- .
<http://www.science.org.au/nova/079/079key.htm>

Stem cells in the spotlight [website].

Salt Lake City, Utah : Genetic Science Learning Center, University of Utah, 2005-
<http://gslc.genetics.utah.edu/units/stemcells/>

Teacher's domain [website] : multimedia resources for the classroom and professional development.

Boston : WGBH, 2003- .
<http://www.teachersdomain.org/>

The Asthma Foundation of Western Australia [website].

West Perth : Asthma Foundation of Western Australia, 2005-
<http://www.asthmawa.org.au/>

The biology place [website].

Upper Saddle River, N.J. : Peason Prentice Hall, 2005-
http://www.phschool.com/science/biology_place/index.html

HUMAN BIOLOGICAL SCIENCES COURSE OF STUDY

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The Cancer Council Australia [website].

Sydney : Cancer Council Australia, 2004-
<http://www.cancer.org.au>

The Cancer Council Western Australia [website].

West Perth : Cancer Council Western Australia, 2005-
<http://www.cancerwa.asn.au/>

The heart [website] : an online exploration.

[Philadelphia, Pa.] : Franklin Institute Science Museum, 1996-
<http://sln2.fi.edu/biosci/heart.html>

The Human Anatomy & Physiology Society [website].

St Louis, Ma. : HAPS, 2003-
<http://www.hapsweb.org/>

The virtual body [website].

Nashville, Tenn. : ehc.com 1999-
<http://www.medtropolis.com/VBody.asp>

UCMP exhibit halls [website] : welcome to the evolution wing.

Berkeley, Calif. : University of California Museum of Paleontology, 2000.
<http://www.ucmp.berkeley.edu/history/evolution.html>

Understanding genetics [website].

San Jose, Calif. : Tech Museum of Innovation, 1994-
<http://www.thetech.org/genetics/>

Your genes, your health [website] : a multimedia guide to genetic disorders.

Cold Spring Harbor, NY : Cold Spring Harbor Laboratory, 2002-
<http://yourgenesyourhealth.org/>

ELECTRONIC DOCUMENTS [PDFs]

Brain facts [electronic resource] : a primer on the brain and nervous system /

Society for Neuroscience.

<http://web.sfn.org/content/Publications/BrainFacts/brainfacts.pdf>

Washington, D.C. : Society for Neuroscience, 2005.