

## Teacher Resource Bank

GCE Biology 1411/2411

Resources list



## Resources for AQA GCE Biology AS and A2

### WEBSITES

#### General sites

ABPI The Association of the British Pharmaceutical Industry

<http://www.abpischools.org.uk/page/>

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

<http://www.bbc.co.uk/schools/websites/16/index.shtml>

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

<http://www.biologyguide.net/>

<http://www.biozone.co.nz/index.html>

BUBL LINK - Catalogue of Internet Resources

<http://bubl.ac.uk/link/b/biologyeducation.htm>

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

<http://www.educypedia.be/>

<http://www.eduseek.com/topic.aspx?id=1997>

<http://www.fungi4schools.org/>

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

<http://www.innerbody.com/htm/body.html>

Institute of Biology

<http://www.societyofbiology.org/home>

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

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

<http://multimedia.mcb.harvard.edu/media.html>

<http://physics.syr.edu/courses/mirror/biomorph/>

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

[http://revision-notes.co.uk/A\\_Level/Biology/index.html](http://revision-notes.co.uk/A_Level/Biology/index.html)

<http://www.revisiontime.com/aBio.htm>

## **S Cool**

[http://www.s-cool.co.uk/topic\\_index.asp?subject\\_id=3&d=0](http://www.s-cool.co.uk/topic_index.asp?subject_id=3&d=0)

[http://www.sciencedaily.com/news/plants\\_animals/biology/](http://www.sciencedaily.com/news/plants_animals/biology/)

[http://www.spolem.co.uk/alevel\\_home.htm](http://www.spolem.co.uk/alevel_home.htm)

<http://www.saps.plantsci.cam.ac.uk/index.htm>

<http://www.who.int/en/>

<http://en.wikipedia.org/wiki/Biology>

<http://www.yourdiseaserisk.wustl.edu/>

## **Asthma**

<http://www.advisorybodies.doh.gov.uk/comeap/statementsreports/airpol2.htm>

## **Balanced diet**

<http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/N/Nutrition.html>

<http://www.hhs.gov/safety/index.shtml#diet>

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

[http://en.wikipedia.org/wiki/Glycemic\\_load](http://en.wikipedia.org/wiki/Glycemic_load)

<http://www.food.gov.uk/healthiereating/healthycatering/healthycatering02>

<http://www.eatwell.gov.uk/>

<http://www.nhs.uk/Conditions/Diet/Pages/Introduction.aspx>

## **Biodiversity**

<http://www.ukbap.org.uk/>

## **Biofuels**

<http://news.bbc.co.uk/2/hi/science/nature/6294133.stm>

## **Cancer**

<http://www.aicr.org.uk/?source=Adwords>

<http://cancer.about.com/od/newlydiagnosed/a/whatcancer.htm>

## **Carbon footprint**

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

[http://direct.gov.uk/en/Environmentandgreenerliving/actonco2/DG\\_067197](http://direct.gov.uk/en/Environmentandgreenerliving/actonco2/DG_067197)

<http://footprint.wwf.org.uk/>

## **Cells**

<http://www.bscb.org/?url=softcell/index>

## **CHD**

<http://www.dh.gov.uk/en/Policyandguidance/Healthandsocialcaretopics/Coronaryheartdisease/index.htm>

<http://www.nih.gov/news/HealthWise/Jan98/story6.htm>

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

<http://www.guardian.co.uk/science/2007/nov/16/omega3>

## **Cholera**

<http://www.who.int/topics/cholera/en/>

## **Classification**

<http://catdir.loc.gov/catdir/samples/cam031/95216484.pdf>

<http://mmbr.asm.org/cgi/reprint/25/2/152.pdf>

## **Cystic fibrosis**

<http://www.bbc.co.uk/health/conditions/cystic1.shtml>

## **Diabetes**

<http://www.diabetes.org.uk/>

<http://themedicalbiochemistrypage.org/diabetes.html>

<http://www.scienceinschool.org/print/597>

## **DNA**

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

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

## **Ethics in Biology**

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

<http://www.truthinscience.org.uk/>

[http://www.nap.edu/catalog.php?record\\_id=11876](http://www.nap.edu/catalog.php?record_id=11876)

<http://www.badsience.net/>

<http://www.windfalldigital.com/ethicalemporium/>

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

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

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

## **Evolution**

<http://darwinpond.com/>

<http://darwin.eeb.uconn.edu/simulations/jdk1.0/drift.html>)

<http://physics.syr.edu/courses/mirror/biomorph/>

## **Gene sequencing**

<http://www.scq.ubc.ca/genome-projects-uncovering-the-blueprints-of-biology/>

## **Genetic counselling – ethical issues**

Search engine

<http://scholar.google.com/scholar?q=genetic+counselling+%2B+ethical+issues&hl=en&um=1&ie=UTF-8&oi=scholar>

## **Genetics**

[http://www.biology.arizona.edu/human\\_bio/human\\_bio.html](http://www.biology.arizona.edu/human_bio/human_bio.html)

<http://science.howstuffworks.com/dna-evidence.htm>

## **GM foods**

[http://www.ornl.gov/sci/techresources/Human\\_Genome/elsi/gmfood.shtml](http://www.ornl.gov/sci/techresources/Human_Genome/elsi/gmfood.shtml)

## **Impact of human activities on biodiversity**

Search engine

<http://scholar.google.com/scholar?q=impact+of+human+activities+on+biodiversity&hl=en&um=1&ie=UTF-8&oi=scholar>

## **MRSA**

<http://www.nhs.uk/conditions/MRSA/Pages/Introduction.aspx>

[http://en.wikipedia.org/wiki/Methicillin-resistant\\_Staphylococcus\\_aureus](http://en.wikipedia.org/wiki/Methicillin-resistant_Staphylococcus_aureus)

<http://www.patient.co.uk/health/MRSA.htm>

## **Neuroscience**

<http://www.tlrp.org/pub/documents/Neuroscience%20Commentary%20FINAL.pdf>

## **ORT**

[http://en.wikipedia.org/wiki/Oral\\_rehydration\\_therapy](http://en.wikipedia.org/wiki/Oral_rehydration_therapy)

## **Practical protocols**

<http://www.ncbe.reading.ac.uk/ncbe/protocols/menu.html>

## **Virtual labs**

<http://www.hhmi.org/biointeractive/vlabs/index.html>

Association for the study of animal behaviour

<http://asab.nottingham.ac.uk/>

National Space Centre

[www.spacecentre.co.uk](http://www.spacecentre.co.uk)

Education Officer - 0116 258 2113

Information on physiology in space

## **PERIODICALS, MAGAZINES and JOURNALS**

### **TEXTBOOKS WRITTEN FOR NEW SPECIFICATION**

Nelson Thornes has produced engaging resources to deliver AQA Biology.

<http://www.nelsonthornes.com/aqagce/biology.htm>

This exclusive relationship means that Nelson Thornes' resources for AQA new GCE A Level specifications have been developed collaboratively to help you better prepare your students.

- Nelson Thornes worked with AQA subject teams and senior examiners to support the new AQA specifications with targeted teaching, learning and assessment resources.
- Our Blended learning approach provides compelling print and electronic resources published in parallel.
- Electronic learning resources are interactive e.g. animations as well as non-interactive e.g. PowerPoint.
- Electronic assessment resources are interactive e.g. auto-marking as well as non-interactive e.g. exam-style questions
- Online so students can access resources you've assigned for independent learning

#### **AQA Biology AS Level**

##### **Student book**

Author(s): Glenn Toole, Susan Toole  
ISBN: 978-0-7487-8275-8  
Price: £ 22.99

#### **AQA Biology A2 Level**

##### **Student book**

Author(s): Glenn Toole, Susan Toole  
ISBN: 978-0-7487-9813-1  
Price: £ 22.99



## **Collins**

### **AS Biology for AQA**

#### **Summary**

Collins AS Biology for AQA is the ideal resource to support you through the 2008 AQA GCE course. It has been developed with the help of AQA examiners to ensure a perfect match to the 2008 specification and provides everything you need to succeed in your exam.

<http://www.harpercollins.co.uk/Titles/40245/as-biology-for-aqa-keith-hirst-9780007268214>

ISBN: 978-0-00-726821-4  
Format: Paperback  
Imprint: Collins Educational  
Price: £ 25.75

### **AS Biology Unit 1 - Biology and Disease**

#### **Summary**

Checked by AQA examiners, this is a revised and updated edition of Collins Student Support Materials for AQA AS Biology. It fully supports the new 2008 AQA Biology specification for Unit 1. All the knowledge you need is summarised so you can use it as a study guide or revision guide to ensure success in your exam.

<http://www.harpercollins.co.uk/Titles/40249/as-biology-unit-1-mike-boyle-9780007268177>

ISBN: 978-0-00-726817-7  
Format: Paperback  
Imprint: Collins Educational  
Price: £ 9.50

### **AS Biology Unit 2 – The Variety of Living Organisms**

#### **Summary**

Checked by AQA examiners, this is a revised and updated edition of Collins Student Support Materials for AQA AS Biology. It fully supports the new 2008 AQA Biology specification for Unit 2: The Variety of Living Organisms. All the knowledge you need is summarised so you can use it as a study guide or revision guide to ensure success in your exam.

<http://www.harpercollins.co.uk/Titles/40250/as-biology-unit-2-mike-boyle-9780007268184>

ISBN: 978-0-00-726818-4  
Format: Paperback  
Imprint: Collins Educational  
Price: £ 9.50

## **A2 Biology for AQA**

### **Summary**

Collins A2 Biology for AQA is the ideal resource to support you through the 2008 AQA GCE course. It has been developed with the help of AQA examiners to ensure a perfect match to the 2008 specification and provides everything you need to succeed in your exam.

<http://www.harpercollins.co.uk/Titles/40246/a2-biology-for-aqa-keith-hirst-mary-jones-9780007268221>

ISBN: 978-0-00-726822-1  
Format: Paperback  
Imprint: Collins Educational  
Price: £ 25.75

## **A2 Biology Unit 4 - Populations and Environment**

### **Summary**

Checked by AQA examiners, this is a revised and updated edition of Collins Student Support Materials for AQA A2 Biology. It fully supports the new 2008 AQA Biology specification for Unit 4. All the knowledge you need is summarised so you can use it as a study guide or revision guide to ensure success in your exam.

<http://www.harpercollins.co.uk/Titles/40251/a2-biology-unit-4-mike-boyle-9780007268191>

ISBN: 978-0-00-726819-1  
Format: Paperback  
Imprint: Collins Educational  
Price: £ 9.50

## **A2 Biology Unit 5 – Control in Cells and in Organisms**

### **Summary**

Written by AQA examiners, this is a revised and updated edition of Collins Student Support Materials for AQA A2 Biology. It fully supports the new 2008 AQA Biology specification for Unit 5. All the knowledge you need is summarised so you can use it as a study guide or revision guide to ensure success in your exam.

<http://www.harpercollins.co.uk/Titles/40252/a2-biology-unit-5-mike-boyle-9780007268207>

ISBN: 978-0-00-726820-7  
Format: Paperback  
Imprint: Collins Educational  
Price: £ 9.50

## Hodder

### AQA AS Biology CD ROM

[http://www.hoddereducation.co.uk/Title/9780340949061/AQA\\_Biology\\_for\\_AS\\_Dynamic\\_Learning\\_Network\\_Edition\\_CDROM.htm](http://www.hoddereducation.co.uk/Title/9780340949061/AQA_Biology_for_AS_Dynamic_Learning_Network_Edition_CDROM.htm)

AQA Biology for AS Dynamic Learning Network Edition CD-ROM

Authors: Bill Indge, Mike Bailey, Martin Rowland

Price: £212.50 + VAT

ISBN: 9780340949061

#### Summary:

Written by a Chief Examiner and other experienced examiners, the AQA Biology for AS Student Book and website support the revised AQA Biology specification. Tailored precisely to the revised specification, the Student's Book provides both quick test yourself questions and analysis exercises. These analysis exercises give practice in investigating biological problems and How Science Works, to support investigative and practical skills assessments. Extended chapter openings show how biologists tackle scientific problems, providing a stimulating context and plenty of How Science Works examples.

### AQA AS Biology Textbook

[http://www.hoddereducation.co.uk/Title/9780340945995/AQA\\_Biology\\_for\\_AS\\_.htm](http://www.hoddereducation.co.uk/Title/9780340945995/AQA_Biology_for_AS_.htm)

AQA Biology for AS

Authors: Bill Indge, Martin Rowland, Mike Bailey

Format: Paperback

Price: £20.99

ISBN: 9780340945995

ISBN-10: 0340945990

#### Summary:

Written by a Chief Examiner and other experienced examiners, the AQA Biology for AS Student Book and website support the revised AQA Biology specification. Tailored precisely to the revised specification, the Student's Book provides both quick test yourself questions and analysis exercises. These analysis exercises give practice in investigating biological problems and How Science Works, to support investigative and practical skills assessments. Extended chapter openings show how biologists tackle scientific problems, providing a stimulating context and plenty of How Science Works examples.

## **AQA A2 Biology CD ROM**

[http://www.hoddereducation.co.uk/Title/9780340974957/AQA\\_Biology\\_for\\_A2\\_Dynamic\\_Learning\\_network\\_CDROM.htm](http://www.hoddereducation.co.uk/Title/9780340974957/AQA_Biology_for_A2_Dynamic_Learning_network_CDROM.htm)

AQA Biology for A2 Dynamic Learning network CD-ROM

Authors: Bill Indge, Martin Rowland and, Mike Bailey

Price: £212.50 + VAT

ISBN: 9780340974957

### **Summary:**

Written by a Chief Examiner and other experienced examiners, the AQA Biology for A2 Student Book and website support the revised AQA Biology specification. Tailored precisely to the revised specification, the Student's Book provides both quick test yourself questions and analysis exercises. These analysis exercises give practice in investigating biological problems and How Science Works, to support investigative and practical skills assessments. Extended chapter openings show how biologists tackle scientific problems, providing a stimulating context and plenty of How Science Works examples.

## **AQA A2 Biology Textbook**

[http://www.hoddereducation.co.uk/Title/9781844892181/AQA\\_A2\\_Biology\\_Textbook.htm](http://www.hoddereducation.co.uk/Title/9781844892181/AQA_A2_Biology_Textbook.htm)

AQA Biology for A2

Authors: Bill Indge, Martin Rowland, Mike Bailey

Format: Paperback

Price: £20.99

ISBN: 9780340946190

ISBN-10: 0340946199

### **Summary:**

Written by a Chief Examiner and other experienced examiners, the AQA Biology for A2 Student Book and website support the revised AQA Biology specification. Tailored precisely to the revised specification, the Student's Book provides both quick test yourself questions and analysis exercises. These analysis exercises give practice in investigating biological problems and How Science Works, to support investigative and practical skills assessments. Extended chapter openings show how biologists tackle scientific problems, providing a stimulating context and plenty of How Science Works examples.

## **Oxford University Press**

### **AS Biology for AQA Student Book**

Michael Kent

[http://ukcatalogue.oup.com/product/education/secondary/science/9780199152674.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby\\_crawl=10](http://ukcatalogue.oup.com/product/education/secondary/science/9780199152674.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby_crawl=10)

ISBN: 978-0-19-915267-4

Price: £22.00

### **AS Biology Planning & Resource Pack with OxBBox CD-ROM**

Piers Wood

[http://ukcatalogue.oup.com/product/education/secondary/science/9780199152698.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby\\_crawl=10](http://ukcatalogue.oup.com/product/education/secondary/science/9780199152698.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby_crawl=10)

ISBN: 978-0-19-915269-8

Price: £395.00 + VAT

#### **Summary:**

Fully customizable planning and resource support for AQA AS Biology starting in 2008.

This is a full resource pack to support the new AQA AS Biology specification. It is easy-to-use and saves you time in preparing Schemes of Work and personalized lesson plans. It contains a wealth of ICT resources that engage students and bring How Science Works to life.

### **AS Biology for AQA Revision Guide**

[http://ukcatalogue.oup.com/product/education/secondary/science/9780199152681.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby\\_crawl=10](http://ukcatalogue.oup.com/product/education/secondary/science/9780199152681.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby_crawl=10)

ISBN: 978-0-19-915268-1

Price: £7.65

## **A2 Biology for AQA Student Book**

Michael Kent

[http://ukcatalogue.oup.com/product/education/secondary/science/9780199152704.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby\\_crawl=10](http://ukcatalogue.oup.com/product/education/secondary/science/9780199152704.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby_crawl=10)

ISBN: 978-0-19-915270-4

Price: £23.50

## **A2 Biology Planning & Resource Pack with OxBBox CD-ROM**

[http://ukcatalogue.oup.com/product/education/secondary/science/9780199152728.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby\\_crawl=10#](http://ukcatalogue.oup.com/product/education/secondary/science/9780199152728.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby_crawl=10#)

ISBN: 978-0-19-915272-8

Price: £495.00 + VAT

### **Summary:**

Fully customizable planning and resource support for AQA A2 Biology starting in 2008

This is a full resource pack to support the new AQA A2 Biology specification. It is easy-to-use and saves you time in preparing Schemes of Work and personalized lesson plans. It contains a wealth of ICT resources that engage students and bring How Science Works to life.

## **A2 Biology for AQA Revision Guide**

David Applin

[http://ukcatalogue.oup.com/product/education/secondary/science/9780199152711.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby\\_crawl=10](http://ukcatalogue.oup.com/product/education/secondary/science/9780199152711.do?keyword=Biology+AQA&sortby=bestMatches&page=1&thumbby=10&crawlpage=1&thumbby_crawl=10)

ISBN: 978-0-19-915271-1

Price: £7.65

## Philip Allan

### **AQA AS Biology Text book**

Author: Steve Potter  
Format: Paperback  
Price: £19.99  
ISBN: 9780340957646

[http://www.hoddereducation.co.uk/Title/9780340957646/AQA\\_AS\\_Biology\\_Textbook.htm](http://www.hoddereducation.co.uk/Title/9780340957646/AQA_AS_Biology_Textbook.htm)

#### **Summary:**

This textbook has been written specifically to meet the needs of students following the AQA AS biology specification and provides thorough, carefully-structured coverage of the subject content.

AQA AS Biology has the following special features:

- Extension material
- Examples of applications
- Classic experiments in biological research
- Examiner's tips
- Chapter summaries
- Multiple-choice and exam-style questions
- Integrated material on 'how science works'

### **AQA A2 Biology Textbook**

Author: Steve Potter  
Format: Paperback  
Price: £19.99  
ISBN: 9781844892181

[http://www.hoddereducation.co.uk/Title/9781844892181/AQA\\_A2\\_Biology\\_Textbook.htm](http://www.hoddereducation.co.uk/Title/9781844892181/AQA_A2_Biology_Textbook.htm)

#### **Summary:**

This textbook has been written specifically to meet the needs of students following the AQA A2 biology specification and provides thorough, carefully-structured coverage of the subject content.

AQA A2 Biology has the following special features:

- Extension material
- Examples of applications
- Classic experiments in biological research
- Examiner's tips
- Chapter summaries
- Multiple-choice and exam-style questions
- Integrated material on 'how science works'

## Biozone Learning Media (UK) Ltd

Biozone's Student Workbooks are specifically written to meet the requirements of students studying AQA Biology. They use an engaging contextual approach to cover biological principles within each of the AS and A2 units.

<http://www.biozone.co.nz/uk/aqa.html>

### Key features of our Course Workbooks:

- A unique hybrid of textbook, study guide, and activity workbook gives students a sound grasp of biological principles.
- Interactive write-on format engages students and increases motivation.
- Highly visual delivery of information facilitates the achievement of specific learning outcomes: inquiry, self-motivation, sound knowledge of basics, and independence in learning.
- Tear-out pages allow submission of work for marking, or inclusion in student file with own notes.
- Comprehensive model answers book with suggested answers for all activities.
- Regularly updated to address the latest developments in biology. We plan to release new editions every two years.
- For use in the classroom, as well as for self study, homework, and exam revision.

AQA Biology AS: Student Workbook

ISBN: 978-1-877462-65-8

Format: Paperback, A4, monochrome (black and white)

Student discount price: £10.95

Full price: £16.95

AQA Biology A2: Student Workbook

ISBN: 978-1-877462-39-9

Format: Paperback, A4, monochrome (black and white)

Student discount price: £10.95

Full price: £16.95

**AS and A2 Model Answers books** contain suggested answers to all activities.

AQA Biology AS: Model Answers

Price: £3.95

ISBN: 978-1-877462-67-2

Format: Paperback, A5, monochrome (B&W)

AQA Biology A2: Model Answers

Price: £3.95

ISBN: 978-1-877462-41-2

Format: Paperback, A5, monochrome (B&W)



**Teacher Resource CD-ROM** contains:

- Full digital copies of the AS and A2 Student Workbooks and Model Answers books as **non-printable** PDF files.
- **Crossword puzzles** and **glossary worksheets** to test understanding of biological terms for all topics.
- Presentation Media **free** sample: **Mutations version 2.0**.
- Microsoft® Excel® spreadsheets for statistical analysis.

AQA Biology: Teacher Resource CD-ROM

Price: £39.95

ISBN: 978-1-877462-69-6

Format: CD-ROM

## **Exampro**

<http://www.exampro.co.uk/sec/sciinfo.asp>

## **Biological Sciences Review**

<http://www.philipallan.co.uk/biologicalreview/index.htm>

## **Biologist**

<http://www.societyofbiology.org/membership/biologist>

## **Daily Telegraph weekly Science column**

<http://www.telegraph.co.uk/science/science-news/>

## **New Scientist**

<http://www.newscientist.com/home.ns>

## **Publishers Resources**

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

## **Scientific American**

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