



GCE PHYSICS

RESOURCE LIST – AUTUMN 2004

Specific Texts for Specifications

Author	Title	Publisher	ISBN
Frank Ciccotti & Dave Kelly	Physics AS	Collins	0 0032 7755 0
Dave Kelly	Physics A2	Collins	0 0032 7756 9
John Avison (editor)	Student Support Materials for AQA Physics A Unit 1 – Particles, Radiation and Quantum Phenomena	Collins	0 0032 7715 1
John Avison (editor)	Student Support Materials for AQA Physics A Unit 2 – Mechanics and Molecular Kinetic Theory	Collins	0 0032 7716 X
John Avison (editor)	Student Support Materials for AQA Physics A Unit 3 – Current Electricity and Elastic Properties of Solids	Collins	0 0032 7717 8
John Avison (editor)	Student Support Materials for AQA Physics A Unit 4 – Waves, Fields and Nuclear Energy	Collins	0 0071 2418 X
John Avison (editor)	Student Support Materials for AQA Physics A Unit 5 – Nuclear Instability	Collins	0 0071 2419 8
Ken Price & Gerard Kelly	Success at AQA Physics B AS	Oxford University Press	0 1991 4800 7
Ken Price & Gerard Kelly	Success at AQA Physics B A2	Oxford University Press	0 1991 4802 3

General Texts

Author	Title	Publisher	ISBN
T Duncan	Advanced Physics	John Murray	0 7195 7669 5
R Muncaster	A Level Physics	Nelson Thornes	0 7487 1584 3
J Breithaupt	New Understanding Physics for Advanced Level	Nelson Thornes	0 7487 4316 2
C Mee, B Arnold, M Crundell & W Brown	AS/A2 Physics	Hodder & Stoughton	0 3407 5779 5
S Adams & J Allday	Advanced Physics	Oxford University Press	0 1991 4680 2
K Johnson, S Hewett, S Holt & J Miller	Advanced Physics for You	Nelson Thornes	0 7487 5296 X
D Brodie	Introduction to Advanced Physics	John Murray	0 7195 8588 0
D Brodie	Further Advanced Physics	John Murray	0 7195 8609 7
R Hutchings (editor)	Bath Advanced Science: Physics	Nelson Thornes	0 1743 8731 8
K Dobson, D Grace & D Lovett	Physics	Collins	0 0071 3598 X
J Ogborn & M Whitehouse	Advancing Physics	Institute of Physics	0 7503 0585 1
P Fullick	Physics	Heinemann	0 4355 7097 8

Topic Books

Author	Title	Publisher	ISBN
T Duncan	Electronics for Today and Tomorrow	John Murray	0 7195 7413 7
M Hollins	Medical Physics	Nelson Thornes	0 1744 8253 1
J Pope	Medical Physics	Heinemann	0 4355 7094 3
M Crundell & K Proctor	Medical Physics	John Murray	0 7195 8591 0
S Adams	Particle Physics	Heinemann	0 4355 7084 6
C Bishop	Particle Physics	John Murray	0 7195 8589 9
J Allday	Quarks, Leptons and the Big Bang	Institute of Physics	0 7503 0806 0
T Hey & P Walters	The New Quantum Universe	Cambridge University	0 5215 6457 3
C Bishop	Astrophysics	John Murray	0 7195 8590 2

Magazines and Journals

Title	Publisher	ISSN
New Scientist	IPC Magazines	0262 4079
Physics Education	Institute of Physics	0031 9120
Physics Review	Phillip Allan	0952 8472

Other Resources

Particle Physics Pack and Teachers Guide

Institute of Physics Education Department, 76-78 Portland Place, London, W1N 3DH

Resources Guide for Teaching Astronomy

PPARC, Polaris House, North Star Avenue, Swindon, SN2 1SZ

Resources Guide for Teaching Particle Physics

PPARC, Polaris House, North Star Avenue, Swindon, SN2 1SZ

Software

Exploring Radioactivity

BNFL, Education Department, Berkeley, Gloucestershire, GL13 9PB

Multimedia Motion

Cambridge Science Media, 354 Mill Road, Cambridge, CB1 2NN

Internet

CERN	http://www.cern.ch
Institute of Physics	http://www.iop.org
National Radiological Board	http://www.nrpb.org.uk
NASA Jet Propulsion Laboratory	http://www.jpl.nasa.gov
Particle Physics and Astronomy Research Council	http://www.pparc.ac.uk
Cosmic Mystery Tour	http://archive.ncsa.uiuc.edu/cyberia/Expo/index.html
Physics Saves Lives	http://www.aip.org/success/saveslives/index.html
Scientific American	http://www.sciam.com/index.cfm
School Science	http://www.schoolscience.co.uk
Georgia State University Hyper Physics	http://hyperphysics.phy-astr.gsu.edu/hbase/hframe.html
National Taiwan Normal University Virtual Physics Library	http://www.phy.ntnu.edu.tw/java/index.html
Fowler's Physics Applets (University of Virginia)	http://www.phys.virginia.edu/classes/109N/more_stuff/Applets/home.html