

Level 2

Resource List

Books

- AQA GCSE Engineering
Published: Nelson Thornes, 2009
ISBN: 9781408504123
Anderson, P
- Beginning AutoCAD 2007
Published: Newnes, 2007
ISBN: 9780750683234
McFarlane, R
- Design and Technology: Compendium
of British Standards for Teachers of Design and
Technology in Schools and Colleges
Published: BSI, 2004
ISBN: 0580435210
- Designing with ProDesktop
Published: Design & Technology Association, 2005
ISBN: 1898788766
Hutchinson, J
- Engineering: A Beginners Guide
Published: Oneworld, 2009
ISBN: 9781851686629
McCarthy, N
- Engineering GCSE
Published: Newnes, 2005
ISBN: 9780750665766
Tooley, M
- Engineering GCSE
Published: Nelson Thornes, 2004
ISBN: 9780748785513
Godfrey, N; Wallis, S
- The Essential Guide to Technical Product
Specification: Engineering Drawing
Published: BSI, 2009
ISBN: 9780580626739
Phelps, N; Simmons, C
- Introduction to Health and Safety at Work
Published by: Butterworth-Heinemann Ltd, 2007
ISBN: 9780750685030
Hughes, P
- Management of Health and Safety at Work
Published: Health and Safety Executive, 2000
ISBN: 9780717624881
HSE
- Manual of Engineering Drawing
Published: Newnes, 2003
ISBN: 9780750651202
Simmons, C; Maguire, D
- Mechanical Engineering NVQ:
Performing Engineering Operations – Level 2
Published: Elsevier, 2002
ISBN: 9780750654067
Salmon, D; Powdrill, P
- Mechanical Engineering Principles
Published: Newnes, 2002
ISBN: 9780750652285
Bird, J; Ross, C
- Product Design: Practical Methods for
Baxter, M

the Systematic Development of New Products
(Design Toolkits)
Published: Taylor & Francis 1995
ISBN: 9780748741977

The Sustainability Handbook for D&T Teachers
Published: Practical Action Publishing, 2007
ISBN: 9781853396700

Capewell, I

Workshop Processes, Practices and Materials
Published: Newnes, 2004
ISBN: 9780750660730

Black, B

CDs, CD-ROMs and DVDs

- CAD – Creative Design, Design & Technology Association.
- CAM – Revolutionary Design, Design & Technology Association.
- Complete Resource DVD for GCSE Engineering/Manufacturing, SEMTA (2006). DVD
- DC11 Design Process, James Dyson Foundation.
- Developing Systems, TEP. CD-ROM
- Engineering at the cutting edge, Channel 4 (2004). DVD
- Engineering@work (2007) DVD Resource Pack
- GCSE Engineering & Manufacturing Resource, EEF West Midlands (2006). DVD
- Introducing Robotics, TEP. CD-ROM
- Manufacturing in Gloucestershire, Setpoint. DVD.
- Product Design and Mass Manufacture – Design Optimisation, Pumpkin TV
- Product Design, Testing and Modification, Pumpkin TV.
- Using Components, TEP. CD-ROM
- Virtual reality Library, TEP. CD-ROM
- Volvo cars: Designing for Innovation and Safety, Pumpkin TV
- X:plore CD-ROMs: Engineering with Rolls Royce and Automotive Engineering with Various Motor Dealerships (2007/2008) CD-ROMs

In addition to the above, "How it's made" and "How do they do that" are series shown on the Discovery Channel and various other satellite/cable services. They contain a series of short case studies following the manufacture of engineered products. Extracts from some of these episodes can be found online (such as on www.youtube.com).

Journals and Magazines

E&T Education
Engineering News & Views
Designing

Websites

14-19 Workforce Support	www.diploma-support.org/resourcesandtools/insidework/ee/Eng
Alternative Energy	www.alternative-energy.co.uk
AQA-City & Guilds	www.diplomainfo.org.uk/engineering.asp
BAe Systems Education Programme	www.baesystemseducationprogramme.com
Blueprint Design CD-ROM download	www.ider.herts.ac.uk/school/blueprint_area
British Plastics Federation (BFP)	www.bpf.co.uk
BSI Education	www.bsieducation.org/Education/14-19/default.shtml
Carbon Trust	www.carbontrust.co.uk
Centre for Alternative Technology	www.cat.org.uk/edresources
Corus	www.corusgroup.com/en/responsibility/education/resources/internet
Dyson	www.jamesdysonfoundation.com/education
Energy Saving Trust	www.energysavingtrust.org.uk
Health and Safety Executive	www.hse.gov.uk
How everyday things are made	www.manufacturing.stanford.edu/hetm.html
Howstuffworks	www.howstuffworks.com
Institution of Engineering and Technology (IET)	www.theiet.org/education
Institution of Mechanical Engineers (IMechE)	www.imeche.org.uk
Intellectual Property Office	www.ipo.gov.uk
Learning Grid	www.learninggrid.co.uk
LJ Create	www.ljcreate.com/engineeringdiploma
Nelson Thornes	www.nelsonthornes.com/diplomas
Netregs (environmental guidance)	www.netregs.gov.uk
OCR Diploma Student Guide	www.ocrdiplomabank.co.uk
Picaxe microcontrollers	www.picaxe.co.uk
Qualifications and Curriculum Authority (QCA) Engineering Diploma page	www.qcda.gov.uk/qualifications/902.aspx
Renesas virtual factory tour	www.renesas.com/v_factory/en/index.html
Roymech (engineering links)	www.roymech.co.uk
Science Technology Engineering and Maths Network (STEMNET)	www.stemnet.org.uk
Scottish Centre for Healthy Working Lives	www.healthyworkinglives.com
Sector Skills Council for Science, Engineering and Manufacturing Technologies	www.semta.org.uk
Sustainable Technology Education Project	www.stepin.org
Technology Enhancement Programme (TEP)	www.tep.org.uk
Technology Student	www.technologystudent.com
Vibe Engineering	www.ssatvibe.org.uk/products/engineering
Women into Science, Engineering and Construction (WISE)	www.wisecampaign.org.uk
WorkSMART	www.worksmart.org.uk
Young Engineers	www.youngeng.org