

Engineering resource list

Level 1

Books

AQA GCSE Engineering Published: Nelson Thornes, 2009 ISBN: 9781408504123	Anderson, P
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
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.
- Choosing Sustainable Materials, Pumpkin TV.
- Complete Resource DVD for GCSE Engineering/Manufacturing, SEMTA (2006). DVD
- 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
- Manufacturing in Gloucestershire, Setpoint. DVD.
- Using Components, TEP. CD-ROM
- Virtual reality Library, TEP. CD-ROM
- Volvo cars: Designing for Innovation and Safety, Pumpkin TV.

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

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

CAD in Schools

www.cadinschools.org

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

Howstuffworks

www.howstuffworks.com

Institution of Engineering and Technology (IET)

www.theiet.org/education

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

Qualifications and Curriculum Authority (QCA) Engineering Diploma page

www.qcda.gov.uk/qualifications/902.aspx

Roytech (engineering links)

www.roytech.co.uk

Science Technology Engineering and Maths Network (STEMNET)

www.stemnet.org.uk

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