

4 X 4 in Schools Technology Challenge	A Technology Challenge incorporating electrical and mechanical engineering disciplines to design, make and test a 10th scale 4 x 4 off road vehicle - 50% toward GCSE Engineering.	www.4x4inschools.co.uk
Aerospace Challenge	Run by the IMechE, the 2005 Aerospace Challenge subject changes every year (2005 it's Airships) and is open to all schools and recognised youth organisations (including ATC Squadrons) within the UK. Teams of 5 have members who must be 16-18 years of age on 1 August.	www.imeche.org.uk/aerospace_challenge/index.htm
Animated worksheets	Learn a variety of graphics skills and understanding of mechanisms through animated worksheets.	www.nwoodrow.freemove.co.uk/
Apprenticeship opportunities in Engineering	The Engineering Employers Federation website for modern apprenticeship vacancies and information.	www.apprentices.co.uk
Arkwright Trust	The Arkwright Trust runs a successful scheme which offers scholarships to sixth form students who will be taking Design Technology or related subjects at A-level and intend to read engineering or a technological degree course at university.	www.arkwright.org.uk
Association for Women in Science and Engineering	AWiSE is a multi-disciplinary membership organisation with the common goal of advancing the interests of women in science, engineering and technology (SET).	www.awise.org
Axis	Axis is a strategic partnership between employers, colleges, training providers, local councils and statutory agencies to provide comprehensive solutions and deliver a single point of contact for business to enhance performance.	www.axis-eng.org
BA (British Association for the Advancement of Science)	Promotes awareness and an appreciation of science, engineering and technology through events such as the National Science week (in March), a national festival (in September), conferences and projects. It also runs the BAYS clubs and CREST.	www.the-ba.net/the-ba
BA Young Investigators	An award scheme for 8-13 year olds. Schools and families that join the Young Investigators network receive a pack of easy to use activities which can be used in science and technology lessons, at home or in a science club.	www.the-ba.net/the-ba/ResourcesforLearning/YoungInvestigators/
BAE Systems	BAE SYSTEMS Education works closely with all areas of Education to encourage everyone involved to be the best.	www.engineeringourfuture.co.uk
BBC Learning	Covers all BBC education programmes that used to be called education.	www.bbc.co.uk/learning
BBC Science questions and answers	The BBC's Science Q & A section and discussion pages. Topical content.	www.bbc.co.uk/cgi-perl/h2/h2.cgi?board=science

bconstructive	At bconstructive.co.uk you'll find everything you need to know about a career on the construction industry.	www.bconstructive.co.uk
BEST	Best is The Royal Academy of Engineering's central initiative in engineering education. Best, 'Better Engineering Students Today - Building Enterprise Success Tomorrow', aims to recruit, train and retain the brightest and most motivated young people into the engineering profession. It creates partnerships between industry and education and provides value-adding education and training opportunities.	www.raengbest.org.uk/
British Computer Society	Exists to provide service and support to the Information Systems community. Fully licensed by the Engineering Council. Holds regional meetings and a few competitions/awards. Recently started an Education and Training Forum Strategic Panel.	www.bcs.org/BCS/
Brooklands Museum	Brooklands Museum info on the motorsport and aircraft museum.	www.brooklandsmuseum.com
BSI Education	Design and technology resources for teachers from the BSI	www.bsieducation.org/Education/default.php
Business in the Community	Business in the Community is a unique movement of 700 of the UK's top companies committed to improving their positive impact on society, part of this involves engagement with schools.	www.bitc.org.uk
Businessdynamics	businessdynamics is an educational charity that works with business to promote the wealth creation process to young people aged between 14-19 years. It used to be known as Understanding Industry.	www.businessdynamics.org.uk
CAD/CAM in schools	The DfES has made CAD/CAM software available for secondary teachers via accredited training. Teachers are trained in the use of Pro/DESKTOP, ArtCAM and SpeedStep, focusing on the use of CAD as a design tool. Pro/DESKTOP and ArtCAM are free while SpeedStep is made available at a substantially discounted cost. To learn more about the scheme or the software, or to find an accredited trainer near you, please visit the scheme's dedicated website.	www.cadinschools.org/home/
Campaign to promote Engineering	The Campaign to Promote Engineering is no longer an active engineering promotional campaign under the Engineering Training Board (etb). Many of the characteristics of CPE such as schools focus, link to science curriculum, and informal SET promotion in the classroom are now being exercised under a new programme entitled the Learning Grid. This is a joint programme with the Motorsport Industry Association, the DTI, and the etb which links involvement in the motoring sector with science engineering and design in the classroom.	www.ngfl.gov.uk

Career Space	Careers website for Information and Communications Technology (ICT). Includes a database of job profiles and links to the career and job area of potential employers' websites. A pan-European project funded mainly by the big IT corporations.	www.career-space.com
CEI (Centre for Education and Industry)	Offers consultancy, teaching and research and evaluation services for business, education and education-business partnerships both nationally and internationally. Based at Warwick University	www.warwick.ac.uk/cei
CIEC (Chemical Industry Education Centre)	Based at York University, it provides in-service training for teachers, industrialists and industry/education links co-ordinators. It also offers teaching publications.	www.uyseg.org/ciec_home.htm
CITB (Construction Industry Training Board)	Provides information and learning scheme on the construction industry for students, teachers, parents, employers etc.	www.citb.org.uk
Connexions	Connexions offer a selection of services to help pupils decided on which career path they should take. One of the main services is advice which is available face-to-face, via the phone or over the internet, this can range from advice on selecting subjects at school or mapping out future career options.	www.connexions.gov.uk
Construction Skills Award Scheme	Award Scheme aims to provide units of work to facilitate and support curricular activities, which use the construction industry and the built environment as contexts for learning activities.	www.constructionawards.co.uk/
Corus	Corus produces an extensive portfolio of teaching resources relevant to Key Stages 1-4 of the National Curriculum, with some material covering AS and A Levels, GNVQ and Post-16 courses.	www.coruseducation.com
CREATE	Co-ordinates/promotes energy education at all levels.	www.create.org.uk
CREST Awards	An award scheme run by the British Association that recognises students' investigations in science, technology and ICT. There are regional and national events where CREST projects are presented by the students in competition for significant cash prizes.	www.the-ba.net/the-ba
CurriculumOnline	UK government's multimedia resources to support the teaching and learning that schools can buy with their eLCs and other funds. All resources support the curriculum taught in schools in England from Foundation to KS4.	www.curriculumonline.gov.uk/Default.htm

DATA (Design and Technology Association)	This represents all those involved in design and technology education through publications, courses, working groups and annual national conferences. It is responsible for the CAD/CAM in Schools initiatives.	www.data.org.uk
Denford Limited	The company offers consultancy, comprehensive training and up-to-date coursework and project materials in areas such as Computer Numerical Control (CNC), Computer Aided Design and Manufacture (CAD/CAM), and Computer Integrated Manufacturing (CIM). It supports the CAD/CAM for Schools Initiative and F1 in Schools .	www.denford.co.uk/
DesignandTech.com	Has a wide range of information covering all areas of design and technology. Aimed primarily at 11-18 year olds. As well as competitions, opinion polls and a gallery of exemplar work.	www.designandtech.com/
DfES	Department for Education and Skills.	www.dfes.gov.uk
DTi	Department for Trade and Industry.	www.dti.gov.uk
Dyson	Dyson corporate site including downloadable education packs on the vacuum cleaner and the washing machine and tips on protecting your inventions with patents.	www.dyson.co.uk
ECT Training	A collaborative project to promote, develop, and support Electronics and Communications Technology in Schools through training and by creating and using web-based materials to train and support teachers.	www.marconiect.org
Edge Awards	These awards, run by the Edge charity, are for organisations providing excellent practical learning opportunities for young people. The applications must come from the organisations themselves, supported by a range of evidence. There are different categories for small, medium and large organisations, and regional and national rounds for the judging.	www.edgeawards.co.uk/
Education Business Partnerships/ Consortia	A network of regional bodies providing a co-ordinated approach to the development and delivery of education business activity. The local LSCs contract with one body for Education Business Link (EBL), a consortium of education business link organisations (EBLOs, EBCs or EBLoCs) with a proven track record of delivery.	www.dfes.gov.uk/ebnet
Edutek	A new website aimed at helping teachers and lecturers of Technology in particular Electronics	www.edutek.ltd.uk/
EEF (Engineering Employers Federation)	EEF helps to create the most favourable business environment for engineering, manufacturing and technology-based business.	www.eef.org.uk

EEVL	EEVL is the Internet Guide to Engineering, Mathematics and Computing. EEVL's mission is to provide access to quality networked engineering, mathematics and computing resources, and be the national focal point for online access to information in these subjects.	www.eevl.ac.uk
Electronics in Schools	The ECT trainer and teacher programmes managed by DATA are part of the governments' Electronics in Schools Strategy, and the IEE's ongoing support of electronics in schools. A number of ECT teacher training programmes are scheduled to take place throughout the 2004-05 school year. Teachers can follow two basic routes through the modules. The 'Starting out in electronics' route is designed for those teachers who have taught little or no electronics but wish to introduce electronics into the KS3 curriculum.	www.ectinschools.org
Engineering and Technology Board (ETB)	The ETB aims to tackle the significant yet unaddressed needs of the UK's science, engineering and technology industry and to create a unified platform and voice. The future engineering workforce forms a significant part of the Board's work.	www.etechb.co.uk/
Engineering Construction Industry Training Board (ECITB)	The centre of excellence for advice, information and skills development for the Engineering Construction Industry. Holds funds on behalf of the industry and manages training programmes, distributes grants for training and develops qualifications for people across the industry.	www.ecitb.org.uk
Engineering Council	The national authority for professional engineers.	www.engc.org.uk
Engineering Education Scheme (EES)	The Engineering Education Scheme in England has, since 1984, provided more than 14000 young people with an insight into the world of engineering. It is part of the Royal Academy of Engineering's Best programme.	www.thescheme.org.uk
Enginuity	The Enginuity website has been developed in order to inform today's young people of the wide range of possibilities available in engineering, and how they can become involved. Lots of information on careers in Engineering related jobs. Detailed resources about various specific jobs and the route into them.	www.enginuity.org.uk/enginuity/frame.htm
Enterprise Insight	Enterprise Insight aims to help develop a culture of enterprise in the UK by running a national campaign promoting the spirit of enterprise to young people and those who influence them.	www.enterpriseinsight.co.uk
EPSRC (Engineering and Physical Science Research Council)	The Research Council supports research, study and training in universities and other higher education establishments, as well as its own institutes and international research centres.	www.epsrc.ac.uk

Equalitec	Equalitec has been designed to provide Companies and Higher Education Institutions with global best practice information on the recruitment and retention of women in Information Technology, Electronics and Communications (ITEC).	www.equalitec.org.uk
Experience Corps	The Experience Corps is an independent, non-profit-making company, funded by a grant-in-aid from the Home Office, set up to encourage all people, aged 50 and over, to offer their skills and experience to benefit others in their local communities.	www.experiencecorps.co.uk
F1 in Schools CAD/CAM Design Challenge	CAD/CAM in schools Design Challenge to design, analyse, make, test and race the F1 car of the future.	www.f1inschools.co.uk
Fabricadabra	Helps forge closer links with the clothing, footwear and textiles industry, by providing classroom resources, based on real-life case-studies and processes, practical workshops offering demonstrations and ideas for introducing industry-based activities into the classroom and links to companies who welcome school visits.	www.fabricadabra.co.uk/
First Lego League	First Lego league is an international competition. The 'challenge', which is different every year, is announced in the middle of September and teams have 8 weeks to design and build a robot and produce a research project on the challenge theme. Past themes have included The Arctic and City Planning.	www.firstlegoleague.org/
Ford of Britain Trust	The Ford Britain Trust makes donations to undertakings concerned with the advancement of education and other charitable purposes. Preference is given to registered charities (or similar) located in and working in areas in close proximity to Ford Motor Company Limited's locations in the U.K.	www.ford.co.uk/static/fob_trust/-/fob_trust_guide/-/-/-/
Formula Schools	Formula Schools introduces pupils at an impressionable age to the world of engineering, dispels the myths surrounding engineering and lets young people experience teamworking. Pupils build and then race a radio controlled car powered by a petrol engine.	www.formulaschools.com
Formula Student	Formula Student promotes careers and excellence in engineering, by challenging university students to design, build, develop, market and compete as a team with a small single seater racing car.	www.formulastudent.com
Gatsby Technical Education Project	The three main areas of interest are; to demonstrate the innovative, effective teaching of science, maths and technology; to involve industry; and to collaborate with industry and government in terms of support and funding.	www.gatsby.org.uk

GCSE BITESIZE	Contains a range of information on electronics, food, graphics, resistant materials, systems and control and textile technology.	www.bbc.co.uk/schools/gcsebitesize/design/
GCSE Engineering	Website dedicated to the GCSE in Engineering containing information for teachers, students, parents and careers.	www.gcseinengineering.com
Great Achievements	The goal of the Greatest Achievements project is to celebrate a remarkable century of technological achievement. Initiated by the US National Academy of Engineering, this project is a collaboration with the American Association of Engineering Societies, National Engineers Week, and 27 other professional engineering societies.	www.greatachievements.org/
Greenpower Challenge	Greenpower further the cause of engineering as a career in schools, particularly at a pre-GCSE level. It provides practical engineering projects to schools.	www.greenpower.co.uk
Headstart	A scheme that enables Year 12 (Scottish Year 5) students to spend a week at a university engineering department.	www.hdstart.org.uk
How Planes Fly	How aeroplanes fly with good interactivity. With links if you want to know more.	www.ag.ohio-state.edu/~flight
How Stuff Works.com	How a range of devices actually work. From HowStuffWorks Inc., USA.	www.howstuffworks.com/
HTI	HTI (Heads, Teachers and Industry) is dedicated to raising standards of leadership and management in education.	www.hti.org.uk
Icrank.com	US mechanical engineering portal 'by engineers, for engineers'.	www.icrank.com
IEE (Institution of Electrical Engineers)	Organises a range of lectures/conferences/meetings/visits/ publications. Has information on courses and careers. Awards scholarship grants. Has a younger members website. YMS challenge/competitions - including the micromouse competition.	www.iee.org.uk
IEE Power Academy	An engineering scholarship fund for students who would like to study electrical engineering at Strathclyde, Manchester and Southampton Universities.	www.iee.org/poweracademy/
Imagineering	Imagineering introduces 8-12 year olds to the fascinating world of engineering and manufacturing through fun, hands-on activities. Organises the annual Imagineering Fair at Stoneleigh in August and Imagineering Clubs.	www.imagineeringweb.co.uk/index.shtml
IMechE (Institution of Mechanical Engineers)	Organises the Schools Aerospace Challenge and supports Imagineering at the August Town & Country Festival. Run the MX awards including The Manufacturing Foundation award for the 'Best Partnership between Business and Education'.	www.imeche.org.uk

IMI	IMI's graduate intake work with Business in the Community and runs Imagineering clubs in Birmingham.	www.imi.co.uk
Industrial Trust	The Industrial Trust runs Open Industry, an educational programme that gives young people the opportunity to experience the world of work first hand.	www.industrialtrust.org.uk
Industry Forum	Set up by the SMMT, the Youth Engineering Summit is an interactive event to promote engineering and manufacturing careers to 700 school children and 70 teachers drawn primarily from Birmingham & Solihull and the West Midlands. The Summit is runs alongside the Motor Show providing a great day out for families.	www.industryforum.co.uk/education/schools.shtml
INPUT	Input projects provide an interesting insight into many areas of technology, and link industry and education in an exciting way. The projects have been developed for a wide age range (9 - 19 years) and can be adapted to suit a wide ability range.	www.input.uk.com
Inside Careers Guide	Whether you've already decided on a career in engineering or logistics, or you're just looking for more information before you make your mind up, Inside Careers has the most in-depth and structured information and advice available.	www.insidecareers.co.uk
Inside Manufacturing Enterprise (IME)	IME is a unique regional company visit programme designed to give business people, teachers and pupils access to some of the best manufacturing and engineering companies in the West Midlands.	www.ime-wm.co.uk
Institute of Directors (IoD)	The IoD's Education team brings senior business people together with local schools and the education community through events like the Business/Education Exchange	www.iod.com
Institute of Marine Engineers	Hosts a wide range of conferences. Organises the Royal Navy Engineering Challenge. The Young Maritime Engineers Network visits universities/colleges/companies.	www.imare.org.uk
Institute of Materials, Minerals and Mining	The Institute represents a formidable range of expertise across the disciplines of ceramics, metals, polymers, and composites. It makes a major contribution to the development and application of new materials and processes upon which all sectors of the economy ultimately depend.	www.iom3.org/education/sas.htm
Institution of Agricultural Engineers	Runs conferences and specialist group meetings, has a variety of sponsorship schemes and a Young Engineers section.	www.iagre.org.uk
Institution of Chemical Engineers	Provides support engineers for challenge days. Has a website for teenagers telling them all about chemical engineering as a career.	www.icheme.org.uk

Institution of Civil Engineers	Runs activities in schools through its regional offices. Distributes Civil Engineering careers literature. Lists accredited civil engineering courses. Runs the QUEST Undergraduate Scholarship programme.	www.ice.org.uk
Jaguar	As a leading manufacturer in the West Midlands and the UK, Jaguar runs many projects in schools and has its own learning centre to promote interest in the industry.	www.jaguar.com
Jimfinder	Engineering and Manufacturing jobs including smart facilities for matching the needs job applicants with agencies and employers.	www.jimfinder.com
Jobs4U	Database with information on hundreds of jobs and careers. Whether you know exactly what you want, or are simply looking for some ideas, this is a great place to start.	www.connexions.gov.uk/jobs4u/
Landrover	As part of a nationwide initiative to encourage young people to consider science and industry as a career route, Land Rover held a 'Daughters and Sons to Work' day in March 2003. The students were given exercises in problem solving and teamwork, a tour of the production areas and each of them had the opportunity to spend half a day working alongside their parent in a typical working environment.	www.landrover.co.uk
Learn direct	Learn direct offers a range of flexible courses to help people learn about computers, office skills and self-development. Learn direct courses are primarily online so work can take place at home, at work or in a Learn direct centre.	www.learndirect.co.uk
Learn.co.uk	Learn.co.uk is an "open" site from The Guardian, with free resources for homework and revision.	www.learn.co.uk
Learning and Skills Council	The Learning and Skills Council (LSC) is responsible for funding and planning education and training for over 16-year-olds in England.	www.lsc.gov.uk
Lego	Lego build with virtual bricks.	www.lego.co.uk
London Eye - an eye for design	An Eye for Design is a free downloadable resource designed to provide curriculum supportive material for Key Stage 3 Design and Technology teachers and pupils.	www.ba-londoneye.com/community/teaching.asp?section=community&secondnav=teaching
Magazine for Design and Technology Education (USA)	The Magazine for Design and Technology Education - supports Technology education and the integration of Maths, Science and Technology Curriculum (USA)	www.tiesmagazine.org/

Manufacturing Alliance	An initiative that draws together the knowledge and might of Britain's most prominent manufacturing businesses in order to improve and champion the cause of manufacturing. Regular debates occur at company facilities in the UK including JCB, BMW Hams Hall and Portmeirion Potteries.	www.themanufacturingalliance.org/
Manufacturing Foundation	The Manufacturing Foundation undertakes research into issues that affect tomorrow's workforce, including young people's attitudes to industry and the effectiveness of business/education links.	www.manufacturingfoundation.org.uk
MX2005	The Manufacturing Foundation award for the 'Best Partnership between Business and Education' is run by the IMechE.	www.imeche.org.uk/mx
NASA	Extensive site on all aspects of Space travel and exploration.	www.edspace.nasa.gov/
National Education Business Partnership Network	The NEBPN is the umbrella organisation and national voice for the 138 Education Business Partnerships working in the 11 regions.	www.nebpn.org
National Engineering Recruitment Exhibition	Information about engineering and graduate recruitment fairs. Contains links to all exhibitors, many of whom are recruiters into the sector.	www.engineerjobs.co.uk
National Grid for Learning (NGfL)	The NGfL provides a network of selected links to web sites that offer high quality content and information. Whether you are learning, supporting, teaching or managing, there are resources on the NGfL for you.	www.ngfl.gov.uk
National Museum of Science and Industry	National Museum of Science and Industry covers the Science Museum, the Railway Museum and the National Museum of Photography, Film and Television.	www.nmsi.ac.uk
NESTA Inventors handbook	NESTA (the National Endowment for Science, Technology and the Arts) invests in innovators and works to improve the climate for creativity in the UK.	www.nesta.org
N-Genearing Mentoring Project	The project works with schools and companies to help young people make realistic decisions about careers in the manufacturing and engineering sector. Over 300 industrial mentors and 1300 students have participated in the project.	www.n-genm.org.uk/
Noise	NOISE is a national campaign, sponsored by the Engineering and Physical Sciences Research Council, to stimulate young people's interest in science and engineering and to make science fun. It is building a network of young mentors to promote the sector.	www.noisenet.ws

NPL Metrology kits	A toolkit containing a variety of measuring instruments to help students appreciate the need for accurate measurement in mathematics.	www.npl.co.uk/thelearningroom/metrology_toolkit.html
Nuffield Foundation	Nuffield Curriculum Projects work with teachers in schools/colleges on a range of subjects, with downloadable resources. It also sponsors the Science Challenge and Nuffield Science Bursaries.	www.nuffieldfoundation.org.uk
Open Industry	The Industrial Trust runs Open Industry, an educational programme that gives young people the opportunity to experience the world of work first hand.	www.openindustry.org.uk
Parentscentre	Parentscentre, which works in conjunction with Directgov - Central Government's official online resource - focuses on all the important issues facing you as a parent, from choosing a school for your child to dealing with bullying, and from homework tips to safe internet links.	http://www.parentscentre.gov.uk
Pharmaceutical industry careers	Information on careers in the Pharmaceutical industry including job profiles, case studies and ways in.	www.abpi-careers.org.uk
Princes Trust	The Princes Trust provides many schemes and programmes to help under-achieving young people fulfil their potential.	www.princes-trust.org.uk
Project Business	A volunteer business partner delivers nine one-hour weekly sessions in-curriculum to Business Studies pupils.	www.young-enterprise.org.uk
Robocup Junior UK	Robocup Junior is one of the activities offered as part of RoboFesta UK, the UK arm of international robotics movement RoboFesta, designed to promote science, technology, engineering and mathematics through robotics activities. Teams of pupils design and build robots to perform specific tasks such as dancing, rescuing and playing football. The competition begins with regional heats and culminates in an annual international final.	www.robofesta-europe.org/britain/
Rolls-Royce	Rolls-Royce supports a wide range of initiatives in support for education.	www.rolls-royce.com/education
Royal Academy of Engineering	Runs a wide range of schemes for the engineering community. It encourages school schemes like Headstart and the Engineering Education Scheme.	www.raeng.org.uk
SATRO (Science and Technology Regional Organisation)	The SATROs (Science and Technology Regional Organisation) existed to boost young peoples' understanding of science, technology, engineering and industry, particularly by helping to build closer working relationships between schools and industry. Now run by SETPOINTS.	www.setnet.org.uk/

SCENTA	Initiated by The Engineering and Technology Board (the ETB) SCENTA provides a large repository of information for the engineering and technology community, including teachers and students. Provides useful resources on career development and forthcoming events.	www.scenta.co.uk
School Zone	Schoolzone was set up by a group of enthusiastic teachers and parents who saw the need for safe, differentiated Internet material which teachers, students and parents can access easily.	www.schoolzone.co.uk
Schools fantasy league	Based on the popular adult version of fantasy football, this activity can be adapted to cater for many areas of the curriculum. Collecting and handling the data on everything from match attendances to goals scored helps to support the data handling aspect of the maths curriculum. The activity could also be used in science, for example when considering players' diets or the effects of abusive substances on performance, and in various aspects of design and technology. The website contains a list of suggested activities for each subject.	www.schoolsfl.com/
Science and Engineering Ambassadors (SEA)	Science and Engineering Ambassadors support teachers in delivering the curriculum and increase the number of people with qualifications in science, design and technology, ICT and mathematics.	www.setnet.org.uk/cgi-bin/wms.pl/29
Science-Engineering.net	A searchable database of science and engineering courses to help students find their way through Higher & Further Education throughout the country.	www.science-engineering.net
Scout Base UK	Official site of the Scout movement and a major opportunity to engage young people in practical activities.	www.scoutbase.org.uk
Sector Skills Councils (SSC)	Each SSC focuses on a specific industry and works to develop the skills and knowledge of people in their sector. Replacing NTOs. The Sector Skills Development Agency (SSDA) has been established to underpin the SSC network and promote effective working between sectors.	www.ssda.org.uk
SEMTA (Science, Engineering and Manufacturing Technologies Alliance, formerly EMTA)	SEMTA runs several schemes to encourage careers with these industries to young people. These include an Engineering Careers Information Service (ECIS) and Main sponsorship of the Young Electronic Designer Awards. ECIS operates a scheme for female 6th form pupils that allows them to attend a one-week residential university course tackling practical challenges and meeting other female engineers.	www.semta.org.uk

SETNET (Science Engineering Technology Mathematics Network)	<p>SETNET has a wide representation of Government, industry, the engineering professional institutions, education and education charities. Its aim is to ensure that there is a flow of well motivated, high quality people from schools who have an interest in, and an understanding of, engineering related subjects.</p>	<p>www.setnet.org.uk/</p>
SETPOINT	<p>SETPOINTs promotes the popularity of science, engineering, technology and maths. This is done through a one-stop information shop, scheduling of events and publicising success stories and best practice. Contact details for all the UK SETPOINTs can be obtained from SETNET</p>	<p>www.setnet.org.uk/cgi-bin/go.pl/setpoints/index.html</p>
Shell	<p>Dedicated to ACTIVE teaching and learning - concentrates on Energy and Sustainability. It organises projects, workshops, community science clubs and fairs. Gives free resources via a catalogue.</p>	<p>www.shell.com</p>
Shell Education Workshops	<p>Managed by Sphere Science Ltd. the workshops specialise in KS1/2 with some available for KS3/4. Workshops are concerned with sustainable energy and all develop investigative skills; for classes of about 30 children accompanied by their teacher. There will usually be time for 3 workshops in a day.</p>	<p>www.spherescience.co.uk/workshops.htm</p>
Shell: LiveWIRE	<p>Shell LiveWIRE is an entrepreneurial scheme that helps 16-30 year olds to start their own businesses and hosts a national competition for new business start-ups.</p>	<p>www.shell-livewire.org</p>
Skillfast-UK	<p>Formerly CAPITB Trust, the Sector Skills Council for the apparel, footwear, textiles and related businesses. Arranges visits, speakers, work experience placements. Provides resources to schools and Fabricadabra website.</p>	<p>www.skillfast-uk.org/</p>
Smallpeice Electronic Engineering	<p>A residential course for students to promote engineering skills. The course includes an introduction to Analogue and Digital Electronics, a solder and keep workshop, and presentations on Electronic and Electrical Engineering.</p>	<p>www.smallpeicetrust.org.uk/</p>
Smallpeice Engineering Experience	<p>A sponsored residential courses for students aged 13 upwards to promote engineering skills. The course provides students with the opportunity to work on real-life design and make projects with young engineers from industry, as an exciting introduction to engineering,</p>	<p>www.smallpeicetrust.org.uk/</p>
Smallpeice Engineering Gap Year	<p>A course for students to promote engineering skills. For students of engineering this is the pinnacle of gap years, providing a unique combination of study, language tuition, travel and work experience in Europe.</p>	<p>www.smallpeicetrust.org.uk/</p>

Smallpeice Engineering Management	A course for students to promote engineering skills. Focusing on aspects of planning, communication, projects and building relationships, the course offers the opportunity to build on management skills, which are essential for personal development and a future career in engineering.	www.smallpeicetrust.org.uk/
Smallpeice Insight for Girls	In partnership with SEMTA, offers young women in sixth form or studying Scottish Highers, the opportunity to travel abroad and take part in an Insight course with their European counterparts.	www.smallpeicetrust.org.uk/
Smallpeice Materials Experience	A course for students to promote engineering skills. The course highlights the importance of materials science today and provides students with an excellent opportunity to explore the world of materials science, bringing theory into reality.	www.smallpeicetrust.org.uk/
SMMT (Society of Motor Manufacturers and Traders)	SMMT exists to provide services and support for the whole of the Auto industry and, since 1902, has provided a focus to reflect its ever changing needs and interests. Set up the Industry Forum which runs the Youth Engineering Summit alongside the Motor Show.	www.smmt.co.uk
Specialist Schools	The Specialist Schools Programme helps schools, in partnership with private sector sponsors and supported by additional Government funding, to establish distinctive identities through their chosen specialisms and achieve their targets to raise standards.	www.specialistschools.org.uk/
STEP	Information for undergraduates seeking placement opportunities in small and medium sized businesses and community organisations to work on business or technical projects.	www.step.org.uk
Teaching Awards Trust	Intended to celebrate the achievement of teachers, heads, learning support assistants and their schools.	www.teachingawards.com
Technology Enhancement Programme (TEP)	The Technology Enhancement Programme (TEP) provides help and support for teachers of Design & Technology. TEP is supported by the Gatsby Charitable Foundation	www.tep.org.uk/
Technology Student	Resources covering most aspects of Design & Technology. 19 sections covering everything from Health & Safety to Basic CNC work for teachers and students.	www.technologystudent.com
The Career Engineer	The Career Engineer is a specialist Engineering recruitment jobsite for engineering jobs and Technical vacancies and the latest engineering news. It aims to assist with Engineering Careers with thousands of Jobs from Direct employers and Recruitment companies updated on a daily basis.	www.thecareerengineer.com
The Institute of Patentees and Inventors	How to protect your ideas if you have invented something.	www.invent.org.uk

Think Tank Millennium Point	The major science attraction in the centre of Birmingham, providing interactive experiences for families and school groups.	www.thinktank.ac
Times 100	An excellent site for technology, economics or business studies pupils and teachers. Packed full of exceptional resources.	www.thetimes100.co.uk/
Toyota Technical Challenge	Run by Rapid Education and Toyota, the challenge is for Key stage 3 & 4 students. By designing and building an environmentally friendly model vehicle, students have the opportunity to win up to £1000 in cash for their school, trophies and, for the best of the best in each category, an extra bonus prize!	www.rapideducation.co.uk/toyota/
Trident Trust	The Trident Trust is an educational charity that prepares young people for the responsibilities, opportunities and experiences of life. Each year, 140000 students participate in Skills for Life programmes.	www.thetridenttrust.org.uk
UK Robotic Games	A series of challenges designed to encourage young people to experience the fun of engineering. Build Robots that run, jump, climb, swim and play football and then compete them against other clubs and schools in a national competition.	www.ukroboticgames.org/index.htm
Volvo Young Environmentalist Awards	Volvo Car UK set up the practical environmental projects (PEP) programme in 1997 to support environmental education and action for young people. The Volvo Global Young Environmentalist Awards scheme is an international programme to encourage young people to get involved with local environmental projects.	www.volvoadventure.org/site/44.asp
Wellcome Trust	The world's largest medical research charity. Its investment in the UK university system is helping to maintain the UK's world-class science base.	www.wellcome.ac.uk
Why Not Chem Eng?	Use this site to discover more about Chemical Engineering - a professional career that; pays well, allows you to travel the world (if you want), is challenging, and important to society.	www.whynotchemeng.com
WISE (Women Into Science and Engineering)	WISE aims to attract more girls and women into SET, to support other organisations that enable girls and women to advance their careers and to support other organisations that ensure girls and women stay in the SET sector.	www.wisecampaign.org.uk
Women's Engineering Society	Founded in 1919, the Women's Engineering Society is a national network for those in engineering or considering becoming engineers.	www.wes.org.uk
Work Foundation	The Work Foundation (formerly the Industrial Society) is an independent, not-for-profit think tank and consultancy.	www.theworkfoundation.com

Work Related Learning	Resource to provide lesson plans and worksheets along with links to other resources to help deliver the QCA's Work Related Learning framework.	www.workrelatedlearning.biz/
WyScience	WyScience is Wycliffe College's Science resource for teachers and pupils, covering topics including Biology, Chemistry, Physics, ICT in Science and help with revision.	www.WyScience.info
Year in Industry	The Year in Industry gives young people between school and university the chance to take part in a structured gap year in industry. The majority of the placements are in engineering, science and technology companies.	www.yini.org.uk
Young Electronics Designer Award (YEDA)	Arranges annual competitions for people aged 12-25. Now merged with Young Engineers. Competition forms part of the Annual Celebration of Engineering which also incorporates Young Engineers for Britain and Junior Engineers for Britain (K'NEX Challenge).	www.yeda.org.uk
Young Engineers	Young Engineers provides support to teachers looking to run out-of-school clubs or enhance the curriculum. Runs Young Engineers Clubs and Junior Engineers Clubs.	www.youngeng.org
Young Enterprise	Creates a partnership between education and business by offering real-life business experiences to students of all ages and abilities. More than 200000 students take part in Young Enterprise programmes each year, and 3000+ UK businesses are directly involved through providing funding support or volunteers. Some of the Young Enterprise programmes enable students to set up and run their own real company for a year. Others help students to learn about aspects of business through classroom sessions and seminars that use games, activities and role-play to bring the world of business to life.	www.young-enterprise.org.uk
Young Foresight	Led by EEF, the activity gives pupils in Year 9 direct experience in the skills needed to create a successful product, from concept to design and then adaptability in the market place.	www.youngforesight.org