



Science and Engineering Careers Sources of Information for Students



Organisation/source	Description	Web address
Royal Academy of Engineering Best programme Careers in Engineering	Provides an explanation of different types of engineering careers with links to other sites that might be helpful. (Not all links are current or concentrate on career information but this is a good place to start for those wanting to find out about careers in engineering).	http://www.raengbest.org.uk/careers/outthere/default.htm
Engineering Technology Board - scenta	scenta was started by the Engineering and Technology Board (the etb) and works with leaders in the science, engineering and technology (SET) community to provide a gateway to the best information and resources for those pursuing a career in Science, Engineering and Technology. The home page is a good start to find out about current science and engineering news and has a link to a careers section. Best suited to older students.	http://www.scenta.co.uk/home.cfm
- scenta careers	On the Careers section of scenta you can find job descriptions and over 500 profiles and role models of people with careers in science and engineering. There are also details of study options and apprenticeship schemes together with information about courses for older students. (This site has some very comprehensive information but is not easy to navigate for young people new to the sector.)	http://www.scenta.co.uk/careers.cfm
- enginuity	"The site that tells you what engineering and technology careers are all about." This site is geared to inform young people about science and technology careers and has a database of role models who are doing science and engineering, information to download, answers to frequently asked questions, routes to enjoyable careers and links to many other sources of information.	http://www.enginuity.org.uk/

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Organisation/source	Description	Web address
- scienceworlds	Aimed at the older age groups (KS5), this site provides links to current scientific developments of interest to young people and provides job profiles of young people doing interesting things in science. It also enables students to ask difficult questions and get answers from experts. There is an area where a student can explore which type of career he or she will be best suited for.	http://www.scienceworlds.co.uk/
- Inspired by Engineering	This site is a new collaborative effort by the ETB EC NFEC. It is a membership site but is intended to lead interested students through what an engineer is and how to become an engineer. It will include learning materials to aid studies.	http://www.inspiredbyengineering.com/home.cfm
What is Engineering	This is a very easy to use site that tells you about different aspects of engineering and also has games and engineering challenges as well as the more serious aspects of qualifying to be an engineer.	http://www.whatisengineering.co.uk/
Institute of Structural Engineers	The main site is about the institute and its work. This link however provides insights into structural engineering pitched at several age groups. This Institute also has an education foundation which sponsors in-and out of school activities.	http://www.istructe.org/students/index.asp
Institute of Engineering and Technology	The main site is about the institute and its work. This link however provides insights to engineering using several different links including download of their publications.	http://www.theiet.org/education/
Institute of Civil Engineers	The site is quite thin on education but this link leads to an education zone and information about civil engineering and associated careers. This site is very much about raising the profile of civil engineering.	http://www.ice.org.uk/about_ice/aboutice_wice.asp

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Institute of Fire Engineers	This site has limited career information plus courses and job profiles for those wanting to know more about being a fire engineer.	http://www.ife.org.uk/edutrain/
Institute of Highway Incorporated Engineers	There is a comprehensive careers section which is easy to navigate, complete with career paths, job profiles and job descriptions.	http://www.ihie.org.uk/#
Institute of Highways and Transport	The link provides limited career information on transport professionals, mainly aimed at graduates.	http://www.jiht.co.uk/vacanciesListGraduate.asp?Submit=Yes&FieldOfEmploymentId=88&A=-None-&EducationId=-None-
British Computer Society	Careers information/job profiles mainly written for job seekers and undergraduates. Useful to understand the range of jobs available.	http://www.bcs.org/server.php?show=nav.7317
Institute of Engineering and Technology - Power Academy	This site provides information on scholarships for those wishing to become power engineers. It includes description of why Power Engineers are in demand and has profiles of people in these careers.	http://www.theiet.org/about/scholarships-awards/power-academy/
Connexions	The Jobs4u website provides a list of definitions of jobs once you give it a keyword. The descriptions are very brief but might help a young person understand the variety of, say, engineering jobs.	http://www.connexions-direct.com/jobs4u/
New Outlooks In Science & Engineering	This site is aimed at young people and emphasises the excitement of science and engineering. 'Cool jobs' link takes you to many job profiles with biographies of real people who are enjoying themselves. Lots of science and engineering stories and 'experiments'.	http://www.noisemakers.org.uk/
UK Resource Centre for Women	This link provides some pointers to jobs and careers in engineering and which might appeal to female students.	http://www.ukrc4setwomen.org/html/women-and-girls/

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Women into Science Engineering and Construction	This link is good for older age groups (KS4 onwards). It has lots of profiles and links to career planning sites. It also has some fun pages designed to appeal to female students.	http://www.wisecampaign.org.uk/girls.html
Construction Skills	Aimed at Young People. this site is quite comprehensive if a little difficult to navigate unless you know what you are looking for.	http://www.bconstructive.co.uk/intro.asp
Working With Science	A developing Science website which aims to be the definitive science careers site. Aimed at undergraduates and younger it will be launched at the ASE conference January 2008. It will include Virtual visits and will be linked to the ASE site 'schools science'.	http://www.working-with-science.co.uk/
Careers in Naval Architecture	Part of the RINA site, it gives insights into careers in naval architecture. Links may provide work experience opportunities.	http://www.rina.org.uk/iqs/sid.07094940985519452607227/page389.html
Science Museum Making of the modern world	Powerful stories about science and invention from the eighteenth century to today. It explains the development and the global spread of modern industrial society and its effects on all our lives. It shows the influence that scientists and engineers have had on the world and illustrates aspects of technology that will be useful in studies.	http://www.makingthemodernworld.com/
Engineering Timelines	This site is mainly about the history of engineering and some of the science behind it. It has no career information but is an inspirational experience with the theme of an engineer as an explorer.	http://www.engineering-timelines.com
Association of Science Education	4 million hits a year. Divided into age groups, the older ages having career information. The site contains many interesting science based activities and information about scientific developments.	http://www.schoolscience.co.uk/

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