

# An introduction to career development for STEM learners

## Handout: Useful STEM websites and resources



### 1. General sites and resources:

*New Challenges, New Choices* includes a section on government policy in relation to STEM.  
[www.bis.gov.uk/assets/biscore/further-education-skills/docs/n/11-1213-new-challenges-new-chances-implementing-further-education-reform](http://www.bis.gov.uk/assets/biscore/further-education-skills/docs/n/11-1213-new-challenges-new-chances-implementing-further-education-reform)

National Careers Service (launched in 2012 encompassing the next step service)  
<https://nationalcareersservice.direct.gov.uk>

Government site for young people: <http://www.direct.gov.uk/en/YoungPeople/index.htm>

The National Apprenticeship Service (NAS): <http://www.apprenticeships.org.uk/>

### 2. STEM related sites:

Future Morph: <http://www.futuremorph.org/>

Knowledge transfer networks:  
<http://www.innovateuk.org/deliveringinnovation/knowledgetransfERNETWORKS.ASHX>

LSIS STEM resources: <http://tlp.excellencegateway.org.uk/tlp/stem/index.php>

The National STEM Centre e-library: <http://www.nationalstemcentre.org.uk/elibrary/>

- The Resource Pack for CEIAG Practitioners:  
<http://www.nationalstemcentre.org.uk/elibrary/resource/936/stem-choices-a-resource-pack>
- STEM Careers Awareness Guides: designed to provide STEM teachers and careers advisers with an overview of the 'See where they can take you' campaign.  
[www.nationalstemcentre.org.uk/elibrary/resource/4959/stem-careers-awareness-guides](http://www.nationalstemcentre.org.uk/elibrary/resource/4959/stem-careers-awareness-guides)
- LSIS area on the site with case studies of effective practice:  
<http://www.nationalstemcentre.org.uk/elibrary/collection/903/lsis-effective-practice-case-studies>
- <http://www.nationalstemcentre.org.uk/elibrary/collection/908/progression-through-stem>

The STEM Careers Action Programme: <http://www.shu.ac.uk/research/cse/stem-careers.html>

STEMNET: <http://www.stemnet.co.uk/>

STEMNET Ambassadors: <http://www.stemnet.org.uk/content/stem-ambassadors>

The UK Resource Centre for Women in Science, Engineering and Technology:  
<http://www.theukrc.org/> and

WISE Women into Science, Engineering and Construction: <http://www.theukrc.org/wise>

*STEM Subject Choice and Careers: Lessons Learnt*: illustrates how schools have raised STEM careers awareness by means of a range of interventions and including a review of the impact of these: [www.shu.ac.uk/assets/pdf/cse-stem-lessons-learned-report.pdf](http://www.shu.ac.uk/assets/pdf/cse-stem-lessons-learned-report.pdf)

STEM Equality and Diversity Toolkit: aimed at 11-16, but includes information of general relevance: <http://www.stem-e-and-d-toolkit.co.uk/> and

*Encouraging Equality and Diversity: Working towards equal opportunities in STEM subjects and careers*. [http://www.derby.ac.uk/files/stem\\_careers-may2011.pdf](http://www.derby.ac.uk/files/stem_careers-may2011.pdf)

STEM subject choice and Careers Project: register at [info@careersinstem.co.uk](mailto:info@careersinstem.co.uk) for updates, alerts and resources

### **3. Biology related sites:**

Biochemical Society: [www.biochemistry.org](http://www.biochemistry.org)

British Ecological Society: [www.britishecologicalsociety.org](http://www.britishecologicalsociety.org)

British Pharmacological Society: [www.careersinpharmacology.org](http://www.careersinpharmacology.org)

Institute of Biomedical Science: [www.ibms.org](http://www.ibms.org)

Society of Biology: [www.societyofbiology.org](http://www.societyofbiology.org)

Society of Experimental Biology: [www.sebiology.org](http://www.sebiology.org)

Society for General Microbiology: [www.sgm-microbiologycareers.org.uk](http://www.sgm-microbiologycareers.org.uk)

### **4. Chemistry related sites:**

Royal Society of Chemistry: [www.rsc.org](http://www.rsc.org)

Association of the British Pharmaceutical Industry: <http://careers.abpi.org.uk>

### **5. Engineering related sites:**

Chartered Institution of Building Services Engineers: [www.cibse.org](http://www.cibse.org)

Engineering Council: [www.engc.org.uk](http://www.engc.org.uk)

Energy Institute: [www.energyzone.net](http://www.energyzone.net)

Engineering UK: [www.engineeringuk.com](http://www.engineeringuk.com)

Institute of Civil Engineers: [www.ice.org.uk](http://www.ice.org.uk)

Institute of Marine Engineering, Science and Technology: [www.imarest.org](http://www.imarest.org)

Institute of Materials, Minerals and Mining: [www.materials-careers.org.uk](http://www.materials-careers.org.uk)

Institution of Chemical Engineers: [www.icheme.org](http://www.icheme.org)

Institution of Mechanical Engineers: [www.imeche.org](http://www.imeche.org)

Institution of Engineering and Technology: [www.theiet.org](http://www.theiet.org)

Royal Aeronautical Society: <http://aerosociety.com>

Tomorrow's Engineers: [www.tomorrowsengineers.org.uk](http://www.tomorrowsengineers.org.uk)

\*For a full list of professional engineering institutions and information about accredited engineering courses visit the Engineering Council website: [www.engc.org.uk](http://www.engc.org.uk)

## **6. Mathematics related sites:**

Institute of Mathematics and its Applications: [www.ima.org.uk](http://www.ima.org.uk)

London Mathematical Society: [www.lms.ac.uk](http://www.lms.ac.uk)

Maths Careers: [www.mathscareers.org.uk](http://www.mathscareers.org.uk)

Royal Statistical Society: [www.rss.org.uk](http://www.rss.org.uk)

## **7. Medicine related sites:**

Step into the NHS: [www.stepintothenhs.nhs.uk](http://www.stepintothenhs.nhs.uk)

British Dental Association: [www.bda.org](http://www.bda.org)

British Medical Association: [www.bma.org.uk](http://www.bma.org.uk)

Chartered Society of Physiotherapy: [www.csp.org.uk](http://www.csp.org.uk)

Institute of Biomedical Science: [www.ibms.org](http://www.ibms.org)

Institute of Physics and Engineering in Medicine: [www.ipem.ac.uk](http://www.ipem.ac.uk)

Royal College of Nursing: [www.rcn.org.uk](http://www.rcn.org.uk)

Royal College of Veterinary Surgeons: [www.rcvs.org.uk](http://www.rcvs.org.uk)

#### **8. Pharmacy & Pharmacology related sites:**

Association of the British Pharmaceutical Industry: <http://careers.abpi.org.uk>

British Pharmacological Society: [www.bps.ac.uk](http://www.bps.ac.uk)

Royal Pharmaceutical Society: [www.rpharms.com](http://www.rpharms.com)

#### **9. Physics related sites:**

Institute of Physics: [www.physics.org](http://www.physics.org) and [www.iop.org](http://www.iop.org)

Royal Astronomical Society: [www.ras.org.uk](http://www.ras.org.uk)

Royal Meteorological Society: [www.metlink.org](http://www.metlink.org)

#### **10. Other Science related sites:**

Geological Society: [www.geolsoc.org.uk](http://www.geolsoc.org.uk)

Forensic Science Society: [www.forensic-science-society.org.uk](http://www.forensic-science-society.org.uk)

Institute of Food Science and Technology: [www.foodtechcareers.org](http://www.foodtechcareers.org)

The Science Council: [www.sciencecouncil.org](http://www.sciencecouncil.org)

*Adapted from a Future Morph listing.*

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