

Internet sources of further information

Note: All materials available from <http://www.ciec.org.uk/molsmatter/molsmatter.htm>

Classified according to:

- Related directly to content of lesson plans
- Chemistry / chemicals / chemical products / uses of chemicals - general
- Health, medicine and hygiene
- Safety, hazards and risk
- Sustainable development
- Environmental lobby groups
- Science in the news
- Educational resources
- Careers and advanced study
- Science activity centres
- Regular events, activities and networks
- Education and industry collaboration

Content	Host	Internet link
Related directly to content of lesson plans		
Additives and ingredients for healthy eating	Food Additives and Ingredients Association	http://www.faia.org.uk (look for "In the mix")
All about asthma	Asthma UK (National Asthma Campaign)	http://www.asthma.org.uk/ (look for "Kidszone" and "Watch our asthma movie")
Allergy and asthma information - an organic perspective	The Allergy Site	http://www.theallergysite.co.uk/
Benefits of chemistry by category of use	American Chemistry Council	http://www.accnewsmedia.com/site/index_benefit.asp
Campaigning against toxic chemicals	Greenpeace UK (licensee of Greenpeace International)	http://www.greenpeace.org.uk/
Chemicals and health campaign	World-Wide Fund for Nature UK franchise	http://www.wwf.org.uk/chemicals/
Chemistry in your Daily Life	Cefic – European Chemical Industry Council	http://www.cefic.be
Chlorine information	Eurochlor	http://www.eurochlor.org
Chlorine uses	Chlorine Chemistry Council	http://c3.org/
Clean water for healthier lives	Water Aid	http://www.wateraid.org.uk/learn_zone/
Clean drinking water in developing countries	Water Partners International	http://www.water.org/
Contaminants in drinking water	Chlorine Chemistry Council	http://science-education.org/bugconspiracy/
Explore the living room / supermarket game	Cefic – European Chemical Industry Council	http://www.chemistryandyou.org
Factory safety laws	Health and Safety Executive	http://www.hse.gov.uk/comah/index.htm
Fertilisers and food	Fertiliser Feeds the World	http://www.efma.org/
Organic food and agriculture	The Soil Association	http://www.soilassociation.org/
Pesticides in food	Crop Protection Association	http://www.baa.org.uk/content/1_faq_questions.asp
Political campaign against toxic chemicals	Alliance of non-government organisations	http://www.chemicalreaction.org/
Chemistry / chemicals / chemical products / uses of chemicals - general		
All about chemicals from petroleum	Association of Petrochemicals Producers in Europe	http://www.petrochemistry.net

Content	Host	Internet link
DDT - things you should know	Junk Science.com	http://www.junkscience.com/ddtfaq.htm
Discover plastics	Plastics Europe (Association of Plastics Manufacturers)	http://www.plasticseurope.org/
"E" numbers and food additives	Chemical Industry Education Centre, University of York	http://www.understandingfoodadditives.org/
Flame retardants	European Flame Retardants Association	http://www.cefic-efra.org/
Information on any chemical	Encyclopædia Britannica	http://www.britannica.com/
Responsible use of plastics	American Plastics Council	http://www.plasticsresource.com
Uses of chemicals - classified	Chemical Industries Association	http://www.cia.org.uk/ (look for "Talking points")

Health, medicine and hygiene

Malaria - solutions to its health, economic and social problems	Malaria Foundation International	http://www.malaria.org (look for "Learn about malaria" interactive video)
Nutrients and their role for healthy living	Health Supplements Information Service	http://www.hsis.org/
Over-the-counter(OTC) medicines advice	Consumer Health Information Centre	http://www.chic.org.uk/
OTC medicines and food supplements	Medicine Chest Online (PAGB)	http://www.medicinechestonline.com/
Promotion of good health	National Institute for Health and Clinical Excellence	http://www.nice.org.uk/
Quackery and health fraud	Quackwatch	http://www.quackwatch.org/

Safety, hazards and risk

Health and safety in EU chemical industry	Cefic – European Chemical Industry Council	http://www.cefic.be/ (look for "Responsible Care")
Health safety in UK chemical industry	Chemical Industries Association	http://www.cia.org.uk/ (look for "Responsible Care")
Risk and hazard education for schools	Chemical Industry Education Centre, University of York	http://www.risk-ed.org/

Sustainable development

Alternative, sustainable chemical technologies	Royal Society of Chemistry	http://www.rsc.org/Publishing/Journals/gc/
Chemical industry and sustainability	Chemical Industries Association	http://www.cia.org.uk/ (look for "Goals")
Greener industry	Chemical Industry Education Centre, University of York	http://www.uyseg.org/greener_industry/
"Manufacturing: backbone of the economy"	Amicus, the trade union	http://www.amicustheunion.org/ (look for "Campaigns/Rebuilding UK manufacturing")
News and rules on recycling resources	WRAP - Waste and Resource Action Programme	http://www.wrap.org.uk
Positive social and environmental change	Body Shop Foundation	http://www.thebodyshopfoundation.org
Sustainable development for schools	Chemical Industry Education Centre, University of York	http://www.sustainability-ed.org/

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Environmental lobby groups		
Campaigning for safer chemicals	Friends of the Earth	http://www.foe.org.uk/
Campaigning for safer chemicals in Scotland	Friends of the Earth in Scotland	http://www.foe-scotland.org.uk/
Environment policies and issues in UK	Green Alliance	http://www.green-alliance.org.uk/
Female perspective on environment and health	Women's Environmental Network	http://www.wen.org.uk/
Science in the news		
Faulty science alerts and analysis	Junkscience.com	http://www.junkscience.com/
News of science and scientific perspective on news	BBC News	http://news.bbc.co.uk/1/hi/sci/tech/
News, views and information about science, technology and the developing world	Science and Development Network	http://www.scidev.net/
Sceptical monitoring of environment and science in UK media	EnviroSpin Watch	http://greenspin.blogspot.com/
Sound science on environmental issues	The Scientific Alliance	http://www.scientific-alliance.org/
Educational resources		
Catalysis explained	Chemical Industry Education Centre, University of York	http://www.uyseg.org/catalysis/
Catering for chemical scientists of all ages	Royal Society of Chemistry	http://www.rsc.org/ (look for "Education")
Educational resources and links	Society of Chemical Industry	http://www.soci.org/SCI/education/index.jsp
Elements puzzle and milestones of chemistry	Cefic – European Chemical Industry Council	http://www.elements-of-life.org
Excellence in science teaching and learning	The Association for Science Education	http://www.scienceonestop.com/
How technical things work	Chemical Industry Education Centre, University of York	http://www.uyseg.org/industryanimated/index.htm
Periodic table of elements (interactive)	Royal Society of Chemistry	http://www.chemsoc.org/viselements/
Products and information relevant to the study of chemistry	Royal Society of Chemistry	http://www.rsc.org/ (look for "Learn Net")
Science, technology, engineering and maths awareness, especially among young people	SETNET	http://www.setnet.org.uk/

Content	Host	Internet link
Resources for science education in schools and colleges	Chemical Industry Education Centre, University of York	http://www.ciec.org.uk/
Responsible water use	UK water companies	http://www.waterintheschool.co.uk/
Understanding often-abused numbers	BBC Radio 4 "More or Less"	http://news.bbc.co.uk/1/hi/programmes/more_or_less
Virtual gallery, experiments online, global themes	Ecsite	http://www.chemforlife.org/
Careers and advanced study		
Chemical engineering advice for students	Institution of Chemical Engineers	http://www.icheme.org/
Chemical engineering graduates making things happen	Institution of Chemical Engineers	http://www.whynotchemeng.com/
Excitement of chemical sciences as a subject and career opportunity	Royal Society of Chemistry	http://www.rsc.org/Education/ (look for "Chemistry: The Next Generation")
Links to UK university chemistry departments	University of Liverpool	http://www.liv.ac.uk/Chemistry/Links/
Science activity centres		
Science discovery centre in NW England	Catalyst	http://www.catalyst.org.uk/
Science learning centre in south Wales	Techniquet	http://www.techniquet.org/
UK science centres list	Ecsite-UK	http://www.ecsite-uk.net/centres/
Regular events, activities and networks		
Chemical science network of RSC	Royal Society of Chemistry	http://www.chemsoc.org/
Chemistry camps, clubs and festivals	Salters' Company Institute of Industrial Chemistry	http://www.salters.co.uk/institute/
Chemistry week	Royal Society of Chemistry	http://www.rsc.org
Where science meets business	Society of Chemical Industry	http://www.soci.org
Young people in UK chemical industry	Chemical Industries Association Young Persons' Network	http://www.ypNet.org.uk/
Young people in the chemical industry - NW England	Chemical Industries Association Young Persons' Network NW	http://www.ypNetnw.org/
Education and industry collaboration		
Education for manufacturing industry	University of Cambridge Institute for Manufacturing	http://www.ifm.eng.cam.ac.uk/
Industry-university collaboration	University of Warwick Manufacturing Group	http://www.wmg.warwick.ac.uk/
Innovative Manufacturing Research	University of Cardiff Business School	http://www.cf.ac.uk/carbs/lom/lerc/T