

Useful Chemistry websites

Instrumental analysis

- Chemical detectives - <http://www.chemicaldetectives.com>
- RSC Spectra school - <http://www.le.ac.uk/spectraschool/>
- NIST Chemistry webbook - <http://webbook.nist.gov/chemistry/>
- Spectral Database for Organic Compounds (SDBS) - http://sdb.srioddb.aist.go.jp/sdb/sdb-bin/cre_index.cgi?lang=eng

Chemicals reference

- RSC Chemspider - <http://www.chemspider.com>

Chem drawing / molecular modelling

- ChemsSketch - <http://www.acdlabs.com/resources/freeware/chemsketch/>
- Avogadro - http://avogadro.openmolecules.net/wiki/Main_Page

Flash animations / chemical simulations

- Greenbowe (Iowa State Uni) - <http://group.chem.iastate.edu/Greenbowe/sections/projectfolder/simDownload/index4.html>
- Essential Chem (Ray Chang) - <http://www.mhhe.com/physsci/chemistry/essentialchemistry/flash/flash.mhtml>
- Gas Laws simulation - <http://intro.chem.okstate.edu/1314F00/Laboratory/GLP.htm>

Chemistry and Science mobile app lists / wikis

- Sci mobile apps - <http://www.scimobileapps.com>
- The Mobile Chemist - <http://lib.stanford.edu/swain-library/mobile-apps-chemists-chemical-engineers>
- Chemistry on Mobile devices (UChicago) - <http://guides.lib.uchicago.edu/content.php?pid=65132&sid=1703522>

General Chemistry teacher resources

- RSC Learn Chemistry - <http://www.rsc.org/learn-chemistry>
- Nuffield Foundation Practical Chemistry - <http://www.nuffieldfoundation.org/practical-chemistry>
- Chemistry Education Association - <http://www.cea.asn.au>
- Early Careers Chemistry Network - <http://eccn.chemistry.unimelb.edu.au>
- TED-Ed - <http://ed.ted.com>

Some favourite youtube channels

- Nottingham Science - [periodicvideos](#), [sixtysymbols](#), [testtube](#)
- Royal Society of Chemistry - [wwwRSCorg](#)
- Teachers - [Bozemanbiology](#), [Chemtubeuk](#), [Musallam](#), [RichThornley](#), [BensChemvideos](#)
- Chemistry/Science - [ChemicalSolution](#), [Brightstorm2](#), [KhanAcademy](#), [Veritasium](#)
- Miscellaneous - [MinutePhysics](#), [CGPGrey](#), [VSauce](#), [SmarterEveryDay](#), [Crashcourse](#)