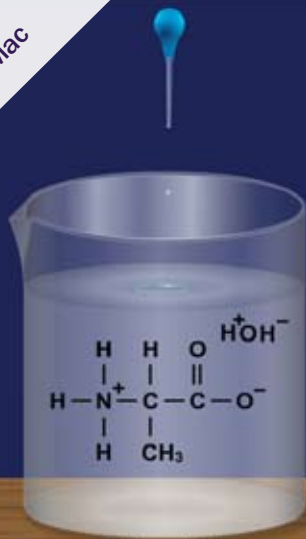


Roger Frost's Organic Chemistry

On-screen animation and interactives for ages 15 to 18 – CD-Rom and online

Now
for Windows
and Apple Mac

Hundreds of awesome
mechanisms and animations
for teachers and learners



acidic solution



acid



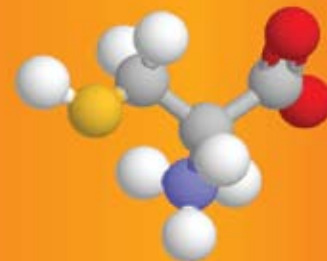
alkali

zwitterion

acidic solution

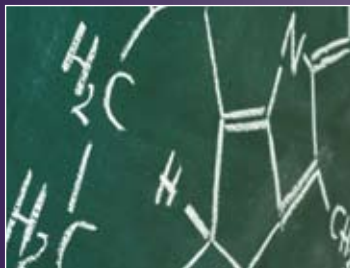
zwitterion

alkaline solution



“So much power in the
classroom for so little
cost in teacher time”





How teachers use it

With mechanisms and experiments animated one step at a time, *Organic Chemistry* is a resource for efficient teaching. You will not need a manual to click bonds and discuss a mechanism on the big screen. You can talk about isomerism as you rearrange atoms on pentane. You use these animations intuitively to make challenging chemistry memorable.



How students use it

Students want to use organic chemistry themselves. Its engaging puzzles encourage discussion, note taking and active revision. *Organic Chemistry* provides end-to-end coverage of headings matching their syllabus. And since anyone can use these interactives, you will not be answering any student's question about what they should click next.



Convenient to use

Contains 'slide-sets' that match exams and the subject's main themes.

Installed versions include a slide sorter where you can rearrange the content as desired.

One-click access to *Organic Chemistry* on the network from your desktop, browser or your own PowerPoint presentation.



Best use of time

All the 3D models you need are in one place. The models quickly show structures, isomerism; surface charges and more.

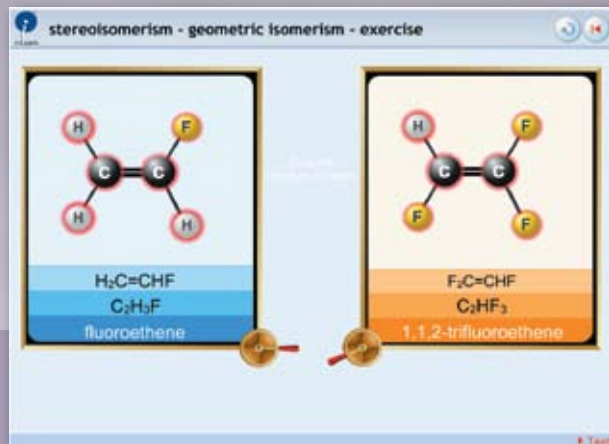
Simple to use and impossible to forget how.

Amazing and full coverage of organic chemistry. The full list of 200 topics can be found at the web link below.

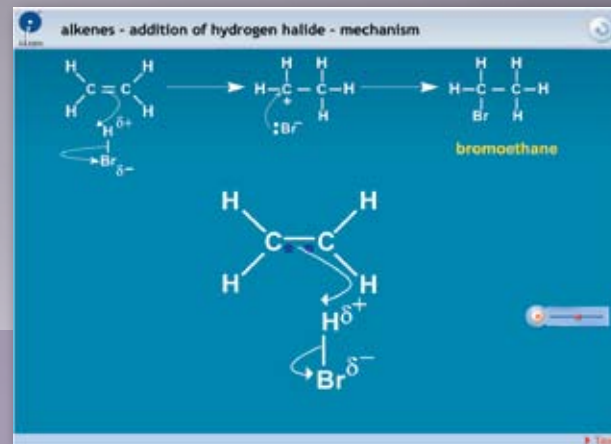
Roger Frost's organic chemistry is a made-for-school compendium of animation, 3D models and learning tools to support the wide range of ways we teach.

telephone **+44 01763 209 109** email **chemistry@rogerfrost.com** web **www.organic.rogerfrost.com**

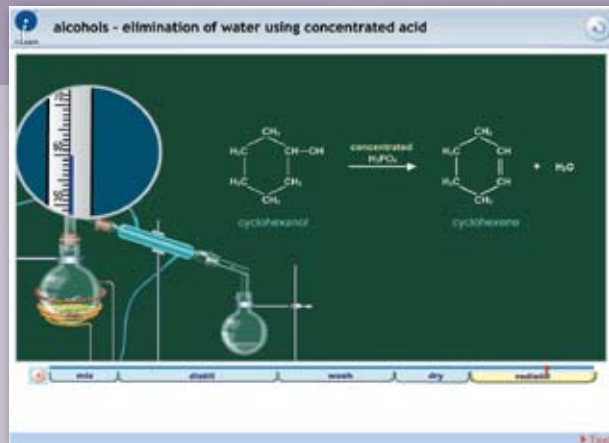
Exercises



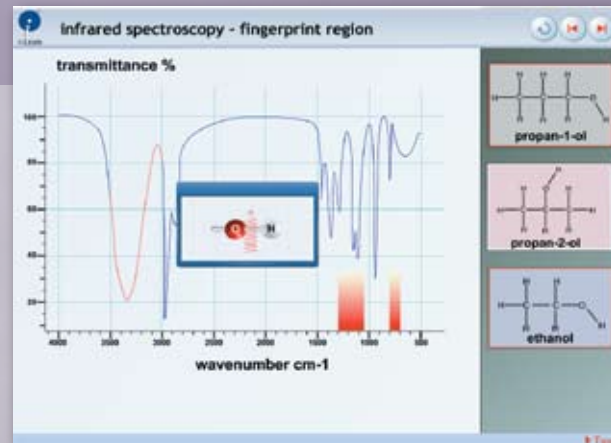
Animated mechanisms give meaning to arrows



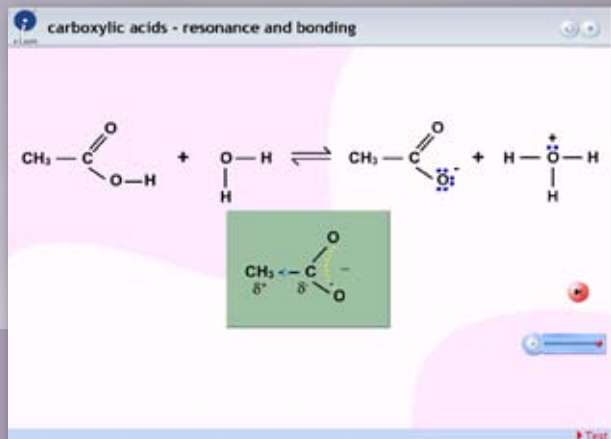
Preparations



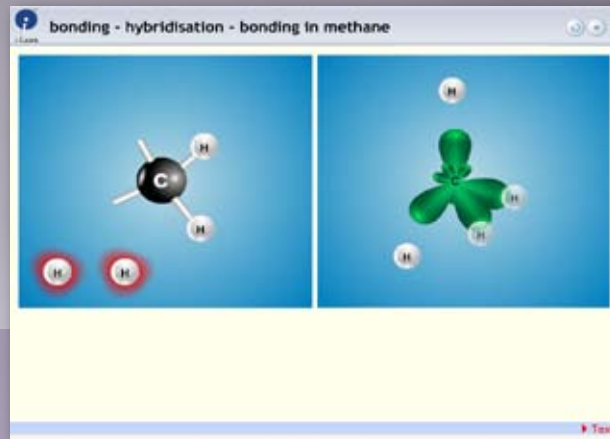
Infrared



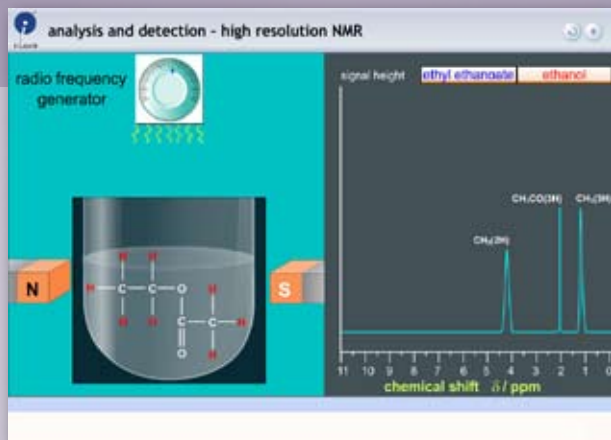
Acids – resonance



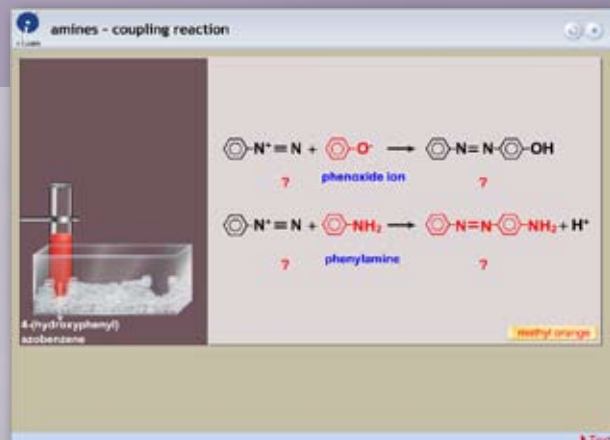
Introducing bonding



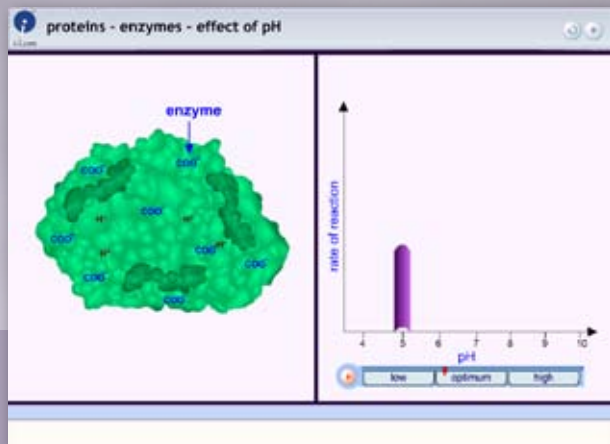
NMR, IR and mass spectrometry



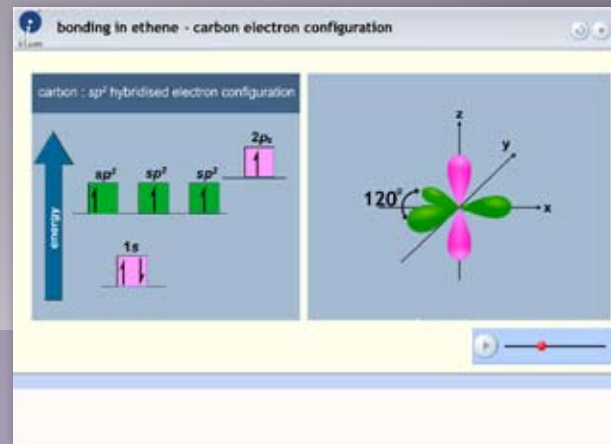
Amines covered



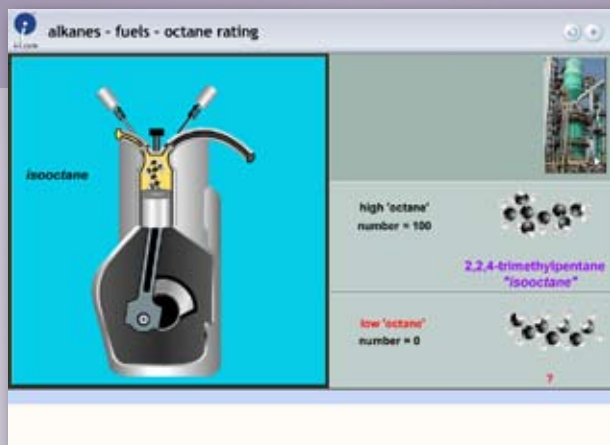
Organic for pre-16 chemists and biologists



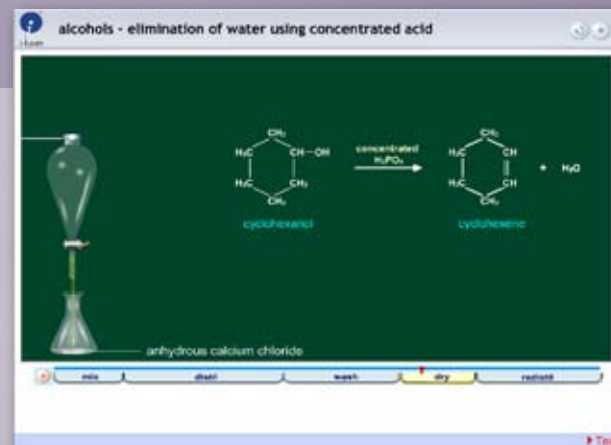
Bonding explained in a minute



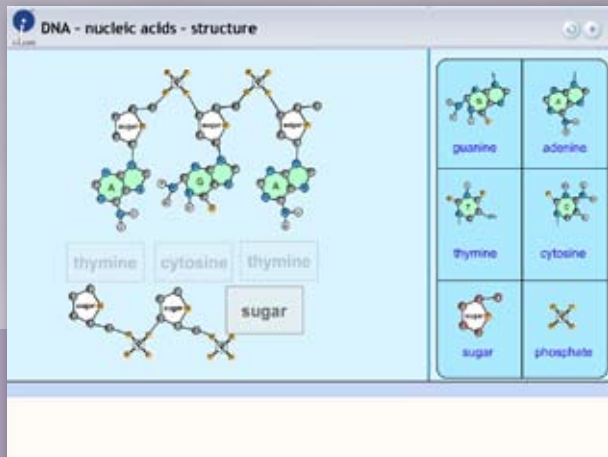
Fuels is a major topic



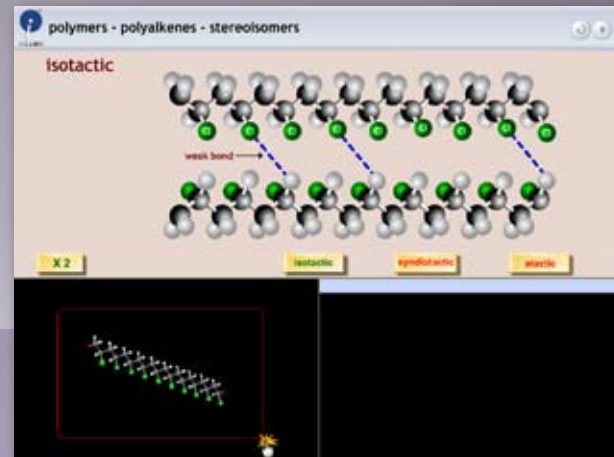
Various labs



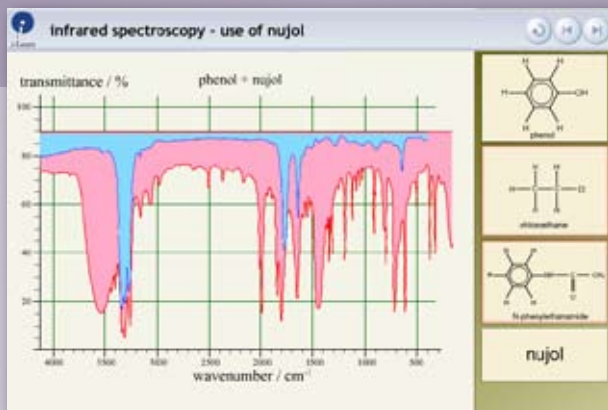
The structure of DNA – e.g. for IB and Salters



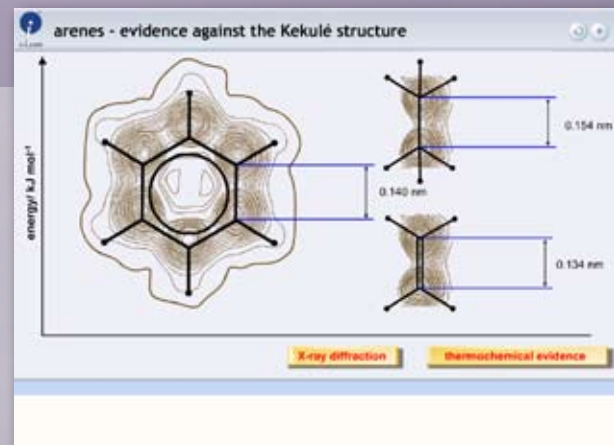
Explaining polymer properties



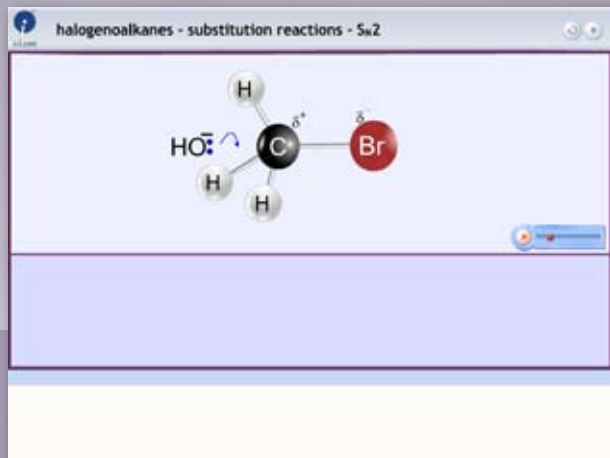
Instrumental analysis includes IR



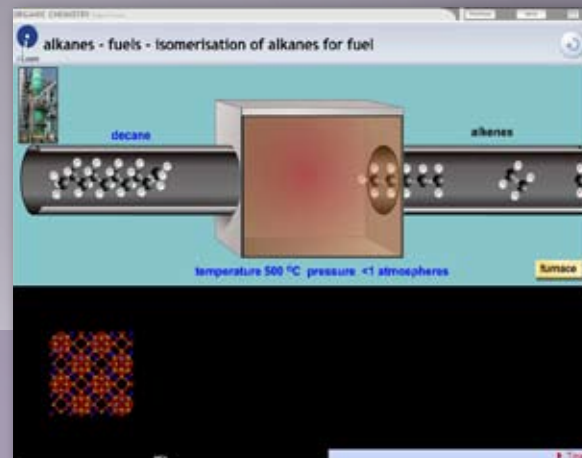
The case for the structure of benzene



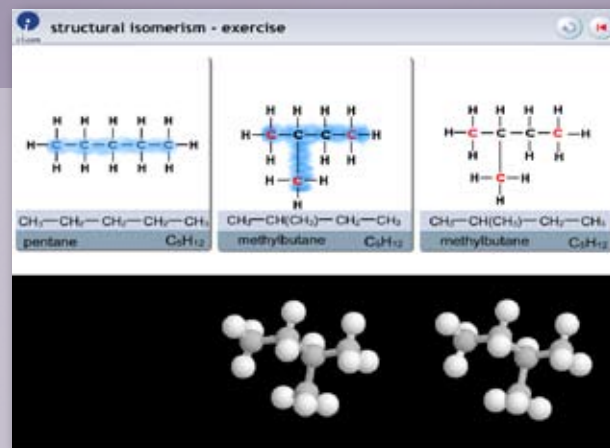
Countless animated mechanisms



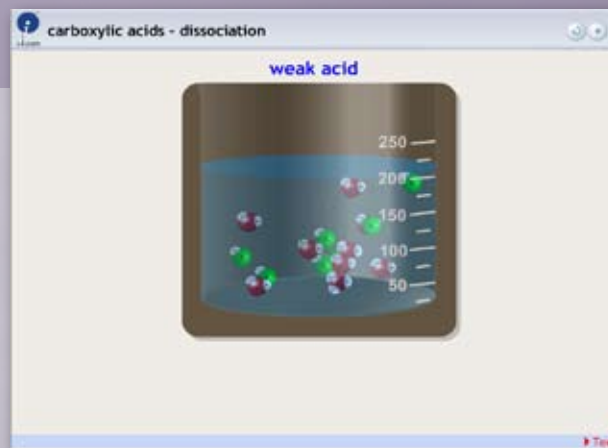
Cracking fuel



Isomers and 3D models

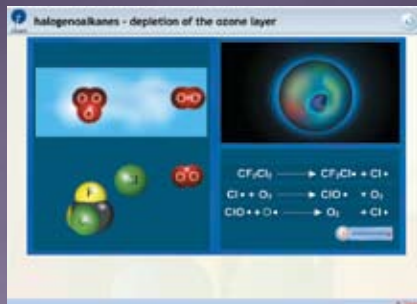


Acid properties

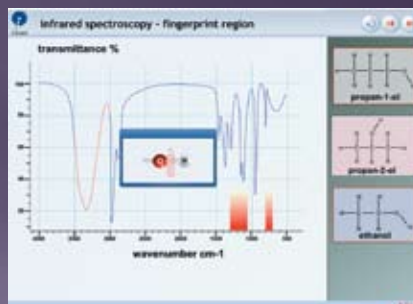


Roger Frost's Organic Chemistry' is for teaching ages 15–18. Every package includes 230 Flash animations with hundreds of 3D models.

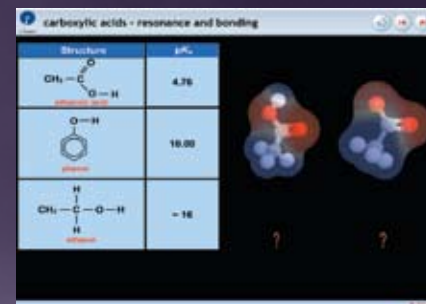
See the mini-preview at organic.rogerfrost.com. See the order form for full details.



"It feels designed to be easily slotted into teaching all aspects of organic chemistry"



"No need to hunt for ideas with this fantastic collection of specially-made resources"



"This is innovative software that integrates seamlessly into teaching and learning"

Which topics?

230 slides cover carboxylic acids; alcohols; arenes; alkenes; amides; nitriles; nomenclature; isomerism; haloalkanes; carbonyl compounds; carbohydrates; amino acids; unsaturated fats; protein structure; enzyme activity; protein synthesis. Also fuels; cracking; pollution; bonding; polymers; organic synthesis; NMR; IR; mass spectrometry and still more.

Which examinations?

Contains built-in 'slide-sets' for every exam – updated free when they change. The slide-sets include GCE from AQA; Edexcel; OCR; Salters; Nuffield; WJEC; SQA Higher & Advanced Higher; NCAA, Ordinary & Higher Leaving Certificate; International Baccalaureate from 2009; Cambridge Pre-U; GCSE; IGCE; IGCE and CBSE. Singapore; CBSE India, and we'll even make yours on request.