



# A LEVEL CHEMISTRY

## CONFERENCE FOCUS

This fully revised conference will provide students with practical, engaging and motivating revision for the A-level Chemistry examinations and ensure success in 2020. Throughout the day, students will actively participate in relevant, focused sessions with an emphasis on how to their grades. The conference will encourage students to think synoptically and it will build on the foundations of Year 1 knowledge.

This conference is relevant to all A level specifications in England and Wales.

## KEYNOTE PRESENTERS

**Chris Conoley** - Chris is a highly experienced teacher of Chemistry, Head of Science and I a College Principal. He is the author of numerous educational textbooks, including the much praised Collins Advanced Science Chemistry and is a Senior A Level Examiner.

**Jamie Sinclair** - Jamie is a former Head of Department at a leading non-selective state secondary schools in England which has been rated OFSTED outstanding in last 7 inspections. He is a senior examiner and very experienced presenter.

**John Coad** - John is a highly experienced author who has led Chemistry Departments and whole Science Departments. He has worked as a Science Advisor for England's largest Local Authority. He has led many professional development courses and staged large science enrichment events.

## BENEFITS

- Gain first hand guidance and advice from highly experienced examiners, authors, presenters and leading subject experts
- Enhance your understanding of the key themes of A level Chemistry and see how they connect into a coherent picture
- Benefit from top examiner insight: how to improve grades and what gets the marks
- Enjoy lively and informative presentations with plenty of opportunity to participate actively
- Ask questions directly to the subject experts

PROGRAMME	TIME
<b>Welcome and Introduction</b>	10:15 – 10:25am
<b>The movement of electrons: A key linking theme!</b> <ul style="list-style-type: none"> <li>Our expert explores key issues in this theme and how to make vital links to improve your exam responses</li> <li>Oxidation states</li> <li>Half equations</li> <li>Electrode potentials: What they are and how to use them</li> <li>Success in answering exam questions: what are the examiners looking for?</li> </ul>	10:25 – 11:15am
Break	11:15 – 11:35am
<b>Challenging topics in Organic chemistry</b> <ul style="list-style-type: none"> <li>Aromatic chemistry</li> <li>Organic nitrogen compounds</li> <li>Optical isomerism</li> <li>NMR analysis</li> <li>Making the most of Levels of Response questions – comparison exercise to demonstrate the standard at C, A and A*</li> </ul>	11:35 – 12:40pm
Lunch	12:40 – 1:20pm
<b>Ask the Expert</b> <ul style="list-style-type: none"> <li>Student questions on A-level Chemistry are answered by our experts</li> </ul>	1:20 – 1:30pm
<b>Routes through extended calculations – how to maximise your mark and work with confidence</b> <p>Our examiners look at how to ensure students pick up marks and thus grades, by not making common errors:</p> <ul style="list-style-type: none"> <li>Successful techniques for mole calculations</li> <li>Rates of reaction: getting the most from the data</li> <li>The Arrhenius equation and how to use it</li> <li>Calculating <math>K_c</math> and <math>K_p</math></li> <li>How to follow the 'signposts' in A Level questions</li> </ul>	1:20 – 2:15pm
<b>Transition metals</b> <ul style="list-style-type: none"> <li>Electronic configurations of elements and ions</li> <li>Ligands and complex ions</li> <li>Catalytic behaviour</li> <li>Tacking practical questions in the exam: reviewing successful answers</li> </ul>	2:15 – 2:45pm
<b>Synthetic routes</b> <ul style="list-style-type: none"> <li>Functional groups and functioning molecules</li> <li>What information do organic molecules reveal?</li> <li>Steps in synthesis</li> <li>Planning exam answers: student pair work to produce the strongest responses</li> </ul>	2:45 – 3:30pm
<b>Final top tips</b> <ul style="list-style-type: none"> <li>Assessing grades A and A* – what examiners expect and what students can do in their revision</li> <li>Key areas of student strength in 2019 and doing the same in 2020</li> </ul>	3:30 – 3:40pm

Lots of excellent advice – relevant points delivered clearly and helpfully. Great example answers which will be really useful.

Framingham Earl High School, April 2018

## A Level Biology

London

Tuesday 24 March 2020

Code: 7609

## A Level Physics

London

Monday 30 March 2020

Code: 7608

## GCSE Science

London

Thursday 2 April 2020

Code: 7610



## IN-SCHOOL

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Additional teachers £35 plus VAT. Individual teachers £80 plus VAT.

### CONFERENCE DETAILS

Confirmed booking are accepted subject to availability and to the terms and conditions, which can be found on our website. Places are likely to fill quickly, therefore early confirmation is advised. Keynote Educational Ltd reserves the right to amend the programme where circumstances dictate.

Further information and terms can be found at [www.keynote.org.uk](http://www.keynote.org.uk)