


SIXTH FORM SUMMER TRANSITION TASK

	<u>CHEMISTRY</u>	
	Qualification Level	A-Level
	Exam Board/ Syllabus	OCR (Salters B)
	Contact(s)	Mr Coates

The Tasks will cover the following topics:

- Calculations in Chemistry
- History of the Atom presentation task

Please complete the supporting Introduction to [Salters Advanced Level Chemistry booklet](#)

All Calculations in part 1 need to have been attempted (all types of calculation are taught at GCSE and it is assumed that you will be able to carry out similar calculations at A level without difficulty). Students that have not been introduced to the mole concept should still be able to use the equation given.

The presentation task needs to be detailed, so read the instructions carefully. You are expected to ***know*** about all the ideas covered in this presentation task for any A-level Chemistry exam (so this task will form your first set of A-Level Chemistry notes).

Books

- The Pleasure of Finding Things Out - Richard Feynman
- The Disappearing Spoon - Sam Kean
- Uncle Tungsten - Oliver Sachs
- The Shocking History of Phosphorus: A Biography of the Devil's Element - John Emsley
- Calculations in AS/A level Chemistry by Jim Clark

Magazine/Journals

- New Scientist
- The Mole
- Catalyst, a science magazine for students aged 14-19
- *Chemistry Review magazine*

Places of Interest

- Royal Society of Chemistry - Burlington Arcade, Regents Street London
- Science Museum,
- London Museum of the History of Science

Websites

Royal Society of Chemistry www.rsc.org.uk

Institution of Chemical Engineers www.icheme.org

www.chemguide.co.uk

www.docbrown.co.uk

www.s-cool.co.uk/

Knockhardy www.knockhardy.org.uk/sci.htm