



Welcome to A Level Chemistry!

You've probably been wondering how studying A Levels will compare to your previous studies so we have put together a quick guide and some activities to help you get ready for starting in September.

# A Level Chemistry

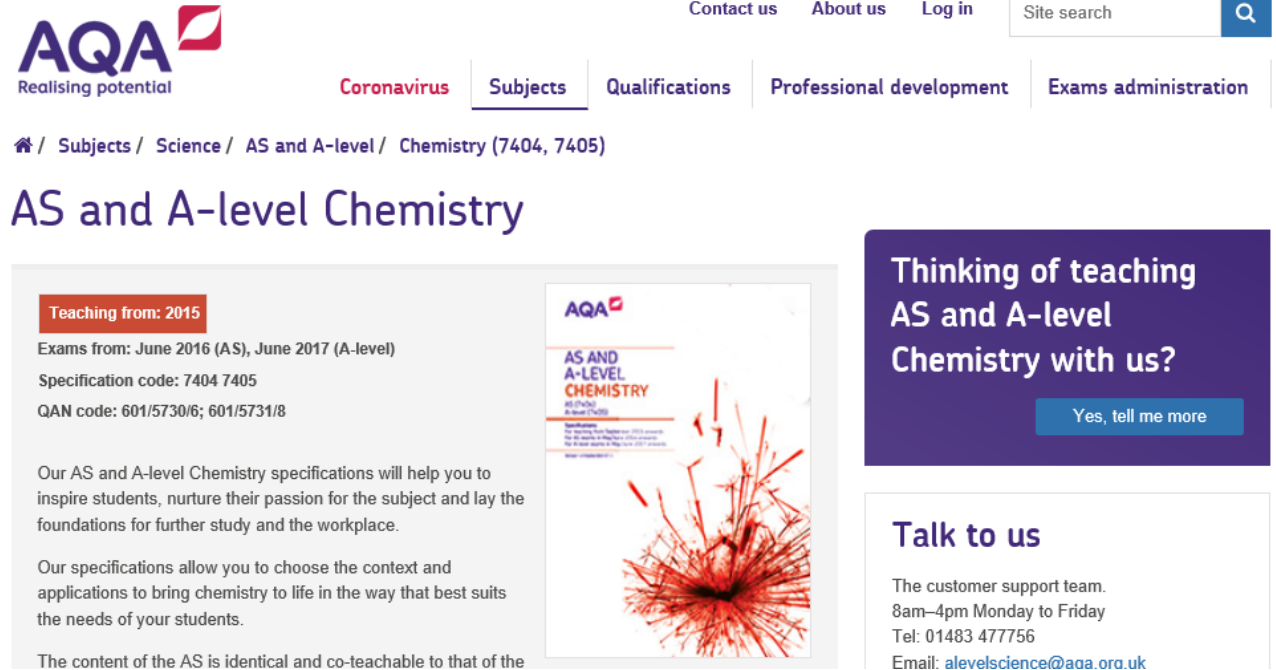
Serving the community through education and training

# Exam Board and specification

The Exam board that we follow at Bury College is AQA

This is a two-year course which comprises of both AS and A2

The specification for the two year course can be found [here](#).



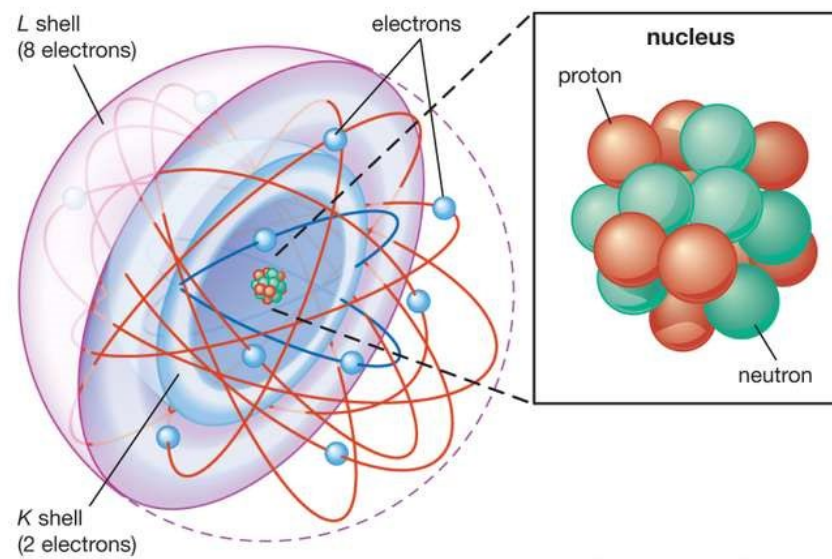
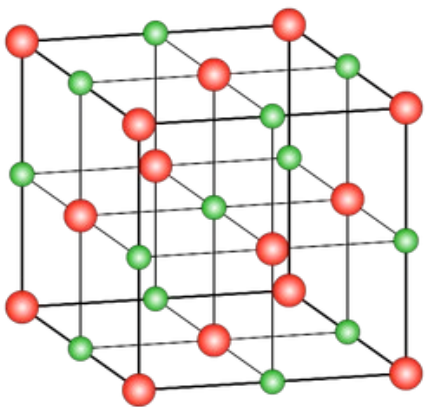
The screenshot shows the AQA website page for AS and A-level Chemistry. The AQA logo is at the top left with the tagline 'Realising potential'. Navigation links include 'Contact us', 'About us', 'Log in', and a 'Site search' box. A secondary navigation bar contains 'Coronavirus', 'Subjects', 'Qualifications', 'Professional development', and 'Exams administration'. The breadcrumb trail is 'Home / Subjects / Science / AS and A-level / Chemistry (7404, 7405)'. The main heading is 'AS and A-level Chemistry'. A red box indicates 'Teaching from: 2015'. Below this, it lists 'Exams from: June 2016 (AS), June 2017 (A-level)', 'Specification code: 7404 7405', and 'QAN code: 601/5730/6; 601/5731/8'. A paragraph states: 'Our AS and A-level Chemistry specifications will help you to inspire students, nurture their passion for the subject and lay the foundations for further study and the workplace.' Another paragraph says: 'Our specifications allow you to choose the context and applications to bring chemistry to life in the way that best suits the needs of your students.' A small image of a chemistry book cover is visible. At the bottom, it says 'The content of the AS is identical and co-teachable to that of the'. On the right side of the page, there are two call-to-action boxes: a purple one that says 'Thinking of teaching AS and A-level Chemistry with us?' with a 'Yes, tell me more' button, and a white one that says 'Talk to us' with contact details for the customer support team: '8am-4pm Monday to Friday', 'Tel: 01483 477756', and 'Email: [alevelscience@aaa.ora.uk](mailto:alevelscience@aaa.ora.uk)'.

# What will you study?

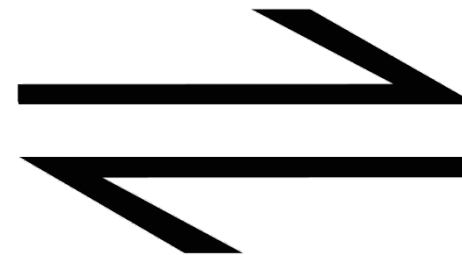
- A level Chemistry can be split into three sections
- You will have covered many topics within each section, even if you are not aware of it

# 1- Physical Chemistry

You will have already studied:  
Atomic structure  
Structure and bonding  
Equilibria  
Energetics

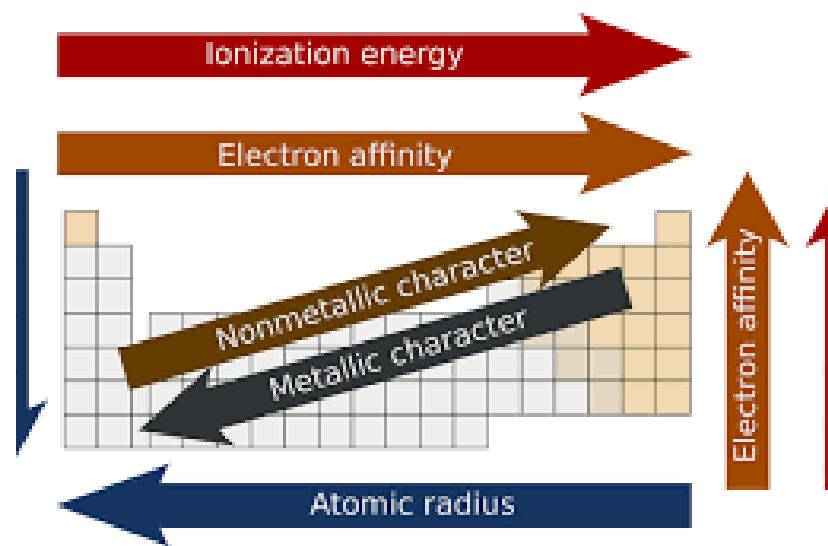


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# 2- Inorganic Chemistry

You will have already studied:  
Patterns/trends in the Periodic table  
Flame tests  
Group 7



19	F
9	
35	Cl
17	
80	Br
35	
127	I
53	
210	At
85	



# 3- Organic Chemistry

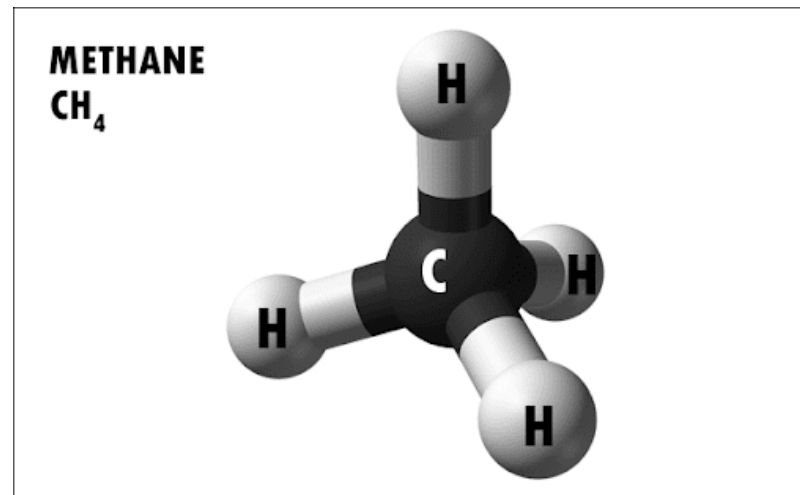
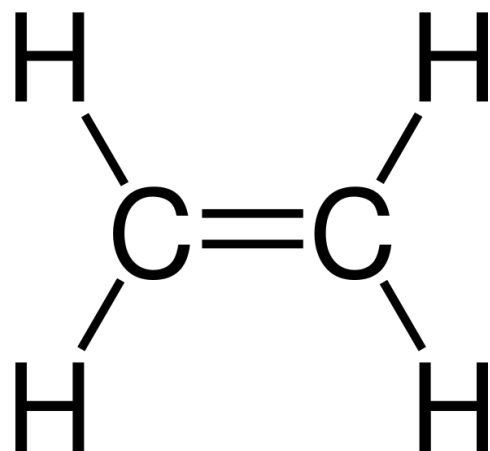
You will have already studied:

Alkanes

Crude oil

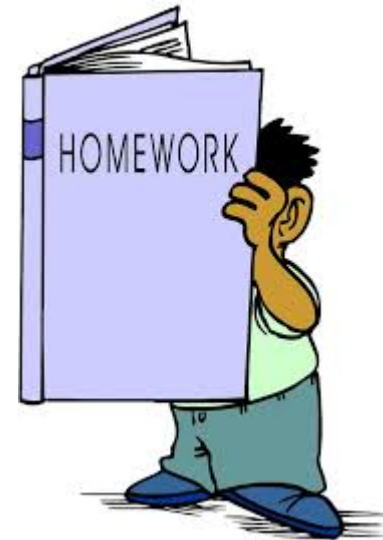
Alkenes

Alcohols



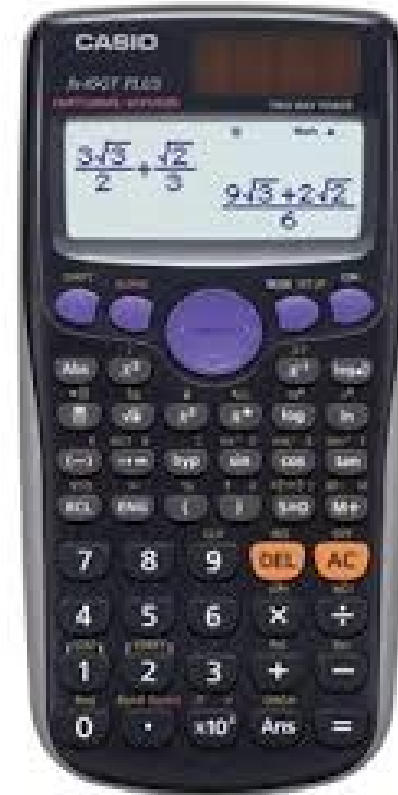
# Mode of study

- You get 5 hours a week tuition in classes.
- You are expected to spend at least as much time as this doing homework and in private study.



# What do I need?

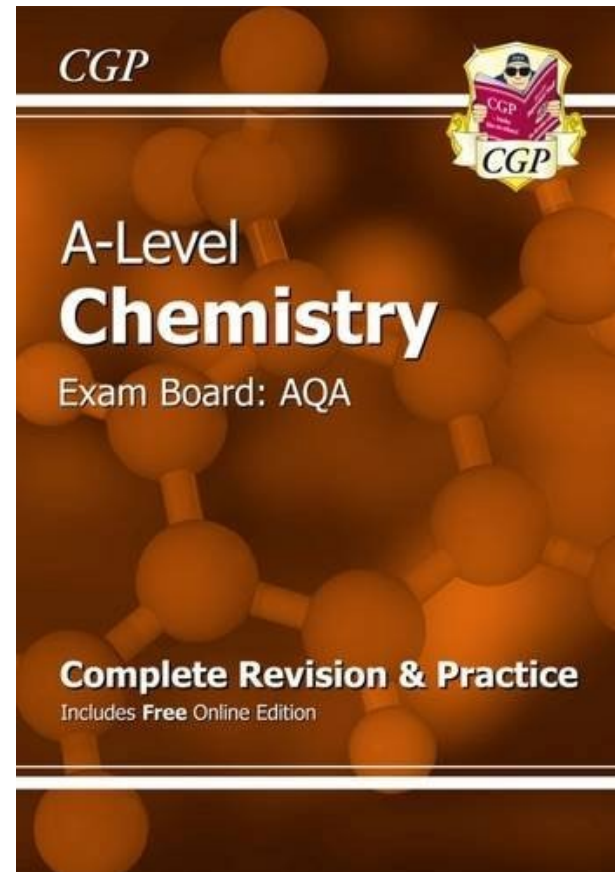
- Stationary- pens, pencils and a ruler
- Scientific calculator
- We supply workbooks





# Additional Resources

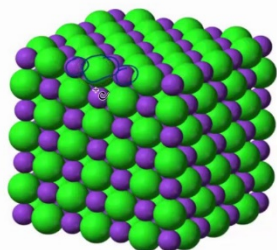
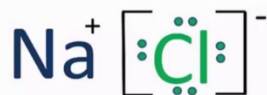
- You may wish to purchase a textbook/revision guide
- Websites such as [Chem Guide](#) are syllabus-specific



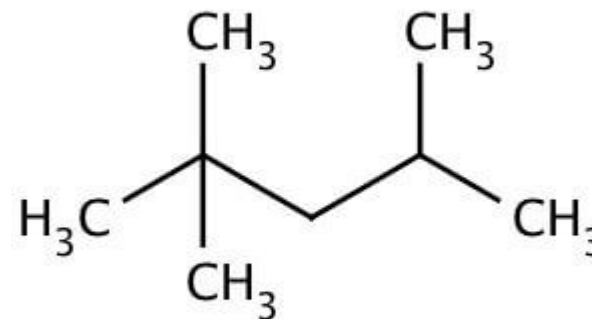
# Identify the common household items

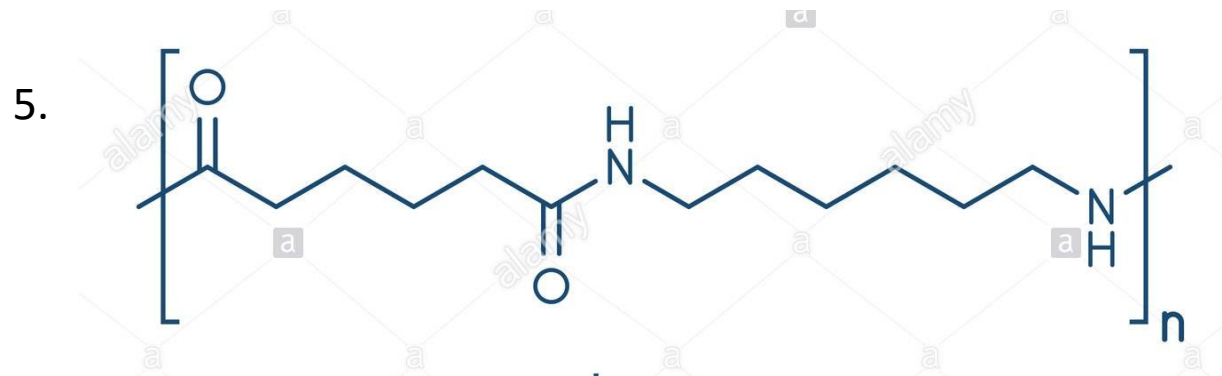
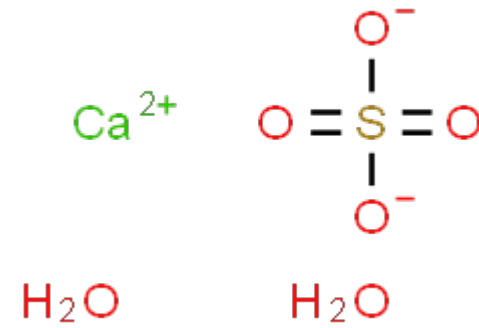
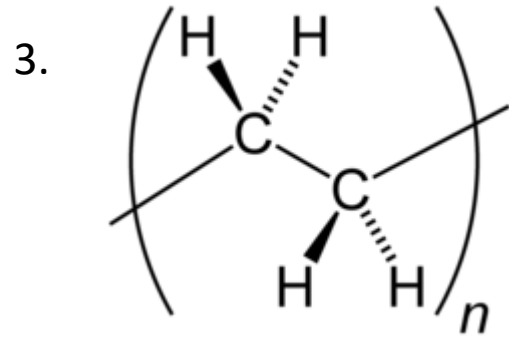
1.

Structure for NaCl

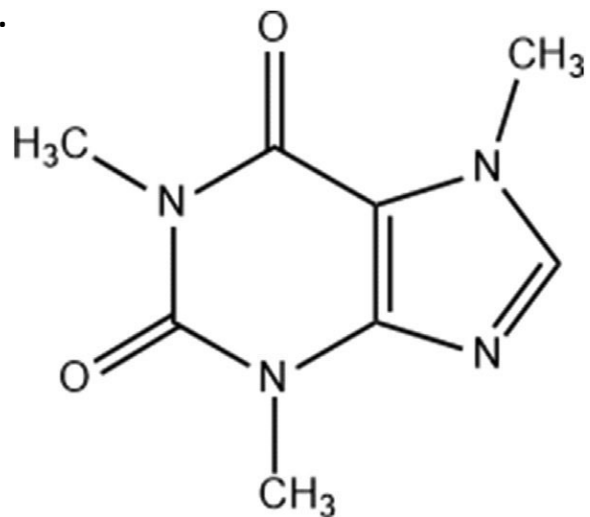


2. 2,2,4-trimethylpentane

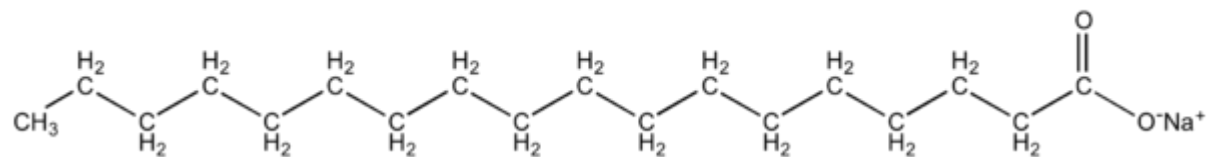




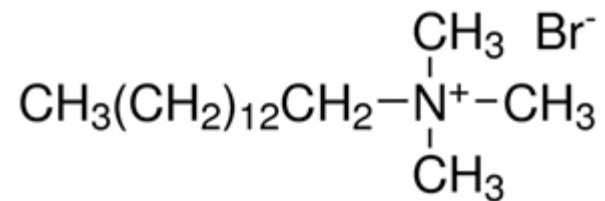
6.



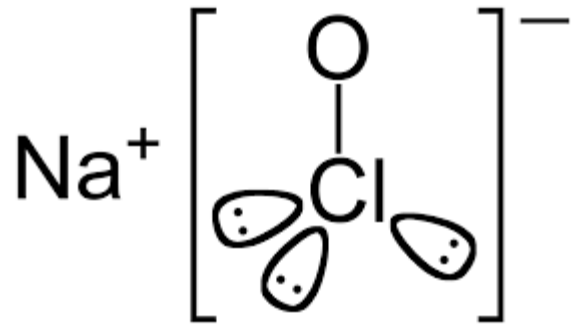
7.



8.



9. NaClO



10.

