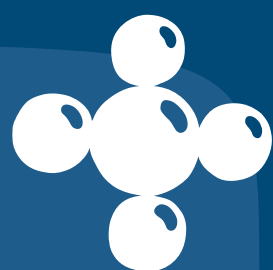


5 WORK-SKILLS CHEMISTRY

WILL GIVE YOU



ANALYSIS



In class: Chemists analyse the chemical makeup of substances to establish what elements are present in what quantities.

At work: Data analysis is a distinct discipline which spans many unconnected fields of work from meteorology to finance.

Career paths: Engineer, market analyst, pharmacologist

ATTENTION TO DETAIL

In class: Successful chemistry is based on precision and accuracy. Correctly setting up experiments and taking down results with care are crucial.

At work: Jobs in science are dependent on this skill, as are fields which interface with the public, such as public relations or social media.



Career paths: Anaesthetist, food manufacturing engineer, proofreader

COLLATING

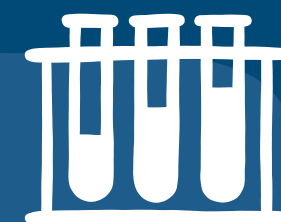


In class: When you carry out experiments, you will bring together your results, observations and chemistry know-how to draw conclusions.

At work: Collation is important in research-based jobs which rely on the collection of different data sources to build an overall picture.

Career paths: Food manufacturer, journalist, software tester

INVESTIGATION



In class: You will figure out why things are the way they are by asking insightful questions and carrying out methodical, systematic investigation.

At work: Many professionals explain the unexplained and work out how to respond – from forensic scientists to vets to cybersecurity specialists.

Career paths: Doctor, forensic scientist, police detective



PRESENTATION



In class: You will present findings from your research and experiments to your classmates and teacher through a presentation or written report.

At work: Many jobs require you to present work to your colleagues or management, or pitch proposals to clients.

Career paths: Account manager, market researcher, project manager