

HNC @ HOME

2026



A Level Chemistry – *Activity 2*

Health & Safety in the Laboratory

As part of your A level Chemistry course, and in a chemistry lab, you are expected to follow safety procedures. Following the link below will take you on a virtual tour of a commercial analytical laboratory at a company called Resolian who test the purity and check the storage and decomposition of medicines and pharmaceuticals. You can click on the white circles to navigate and coloured circles to find out what each department in a typical pharmaceutical analysis company does. This could also help you in visualising what kind of environment laboratory researchers and technicians work in as apprentices or after following a degree in Chemistry or Analytical Chemistry, Pharmacy, Materials or Forensic Science.

Access the virtual tour here:

<https://www.drugdevelopmentsolutions.com/about/ourlocations/uk-laboratories/virtual-laboratory-tours/>

Prepare a PowerPoint with no less than 12 slides, one each for safety signs or images of safety equipment or sustainable recycling that can be found as you travel around the virtual lab at a company called Resolian. You should include images of the signs or similar equipment on your PowerPoint, with their meaning or use.

(HINT:- look for green, blue, red and yellow signs or safety or first aid equipment and then look up their meaning or use).

There are at least 4 labs to virtually walk round and you can find out the sort of thing the chemists do. Use the small map icon in the bottom left hand corner to help you navigate or use the undo icon in the tool bar to reverse your direction