

# SIXTH FORM CHEMISTRY INDUCTION

## BRIDGING WORK

As part of your A level Chemistry course it is essential that you can effectively analyse and extract information from a wide variety of sources including effective use of the internet.

With this in mind the task we would like you to carry out is outlined below.

### TASK

From the following list of topics (or one of your own) from the **RSC (Royal Society of Chemistry) website** shown below prepare a mini-review of the work discussed. These reviews will need to be no longer than about **5 mins maximum**. You will be expected to speak to the group about the topic you have chosen for that amount of time. You may use powerpoint slides if you require them.

The website I would like you to get your information from is the **Royal Society of Chemistry** website. Here you will find a wealth of topics that you can discuss some are listed. You may choose one of these or another one of your own choosing, found in the **Learn Chemistry** part of the Education section.

**Select the audience and then select student and select your age group (16-18). From there you can navigate to where you want to on the site.**

## **LIST OF POSSIBLE TOPICS from RSC WEBSITE**

(Type in any one of the titles below into the search engine in the LEARN CHEMISTRY part of the RSC website and relevant information will appear)

**Chemistry in the bathroom**

**Solar Fuels and artificial photosynthesis**

**Do sports drinks really work?**

**Chemistry of Fireworks**

**Chemistry in your cupboard (Calgon, Harpic, Dettol, Nurofen, Cillit Bang etc)**

**Green plastics**

**Graphene-future applications**

**Wood conservation- the Mary Rose**

**Organic chemists contributing to food**

**Atom Detectives**

**Spectroscopy**

**Organic chemists fighting blindness**

**Acid-base solutions**

**Is the Earth getting warmer**

**Olympic medals**

**Computational chemistry**

**Esters and perfumes**

**Molecules against malaria**

**Making aircraft from seaweed**

**Journal of the Nanoscale**

(You can choose from any of these topics or one of your own from this site, it's up to you!). Please make sure that your presentation is based on some area of interest from the RSC site and that it does not last more than 5 mins maximum.