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 form 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 **4 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

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 your presentation does not last any longer than

4 mins maximum.