

A Level Chemistry Transition

Task 1:

This task may be what you spend most of your time on. Please make sure you review any topics you feel less confident on from GCSE. Use the Oak Academy link to help you do this and any other resources you may be familiar with. It may be you did not fully cover some topics (if at all), so you may wish to follow the whole module.

It would be recommended that those from NSG focus on the following topics:

- 'Reversible Reactions (part of Rate and Extent of Chemical Change)
- 'Using Resources'
- 'Chemical Analysis'.

Oak Academy:

<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/chemistry>

Free Science Lessons:

https://www.youtube.com/channel/UCqbOeHaAUXw9Il7sBVG3_bw

Task 2:

Work through the document titled '*Task 2: Transition from GCSE to A Level student document*'. Ensure you review your answers (answers at the end of the document).

Task 3:

Complete the questions on the document titled '*Task 3: 11to12transitiontest*'. You should try this in exam conditions and then review your answers with the mark scheme- be aware some questions may be tricky!

Task 4:

Go to the following website - <https://edu.rsc.org/eic/section/the-mole>

Pick one of the articles that interests you. Prepare a report on what you have found out in whatever format you wish.

When we return to school in September you will do a small presentation/talk about your article to the class. You can decide whether you do this with slides or alternatively just as a short talk.

Task 5:

You can decide whether to do this or not. It is an excellent introduction to some of the ideas that you will be studying as part of the A level course. If you can get your head around some of these ideas you will make a flying start when we start the A Level course. Go on, what have you got to lose?

Here is the link - <https://www.open.edu/openlearn/science-maths-technology/chemistry/discovering-chemistry/content-section-overview?active-tab=description-tab>