

## A Level Chemistry Summer Independent Learning Activity Y12 to Y13

Welcome to second year A Level Chemistry. Please complete the following tasks ready for your first day back at New College.

The best way to complete this task is to fill in the booklets that you should have collected from your teacher before the summer (also available on Teams). The other resources and documents can be used as printed files or used electronically.

***It is recommended that you access and download all resources and print anything you need before you leave college for the summer***

Use the following link to access the folder ('Summer Independent Learning Activity (Yr12-13)') on SharePoint that contains the resources you will need for each task (there are 2 different links that should take you to the same resources):

<https://ncltad.sharepoint.com/:f:/r/sites/T-Year12-13SIL/Class%20Materials/SIL%2012%20into%2013?csf=1&web=1&e=4WOHQo>

OR

<https://ncltad.sharepoint.com/sites/NCPCChemistry/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FNCPCChemistry%2FShared%20Documents%2FSIL&viewid=74777114%2D6241%2D4f07%2D884f%2D2704e3c70d70>

### Task 1 – Module 1.10 Kp

1. Refamiliarise yourself with your notes and booklets from module 1.6 Equilibria, Le Chatelier's and Kc.
2. Using the resources provided in the folder, **complete your work booklet**. The textbook chapter and video links are good places to start but you can use other textbooks, websites etc of your choice to find the information.
3. **Mark and correct your booklet.**
4. Once you understand the topic, **complete the exam question booklet.**
5. **Mark and correct the exam question booklet.**

This task should take you approximately 3 hours.

### Task 2 – Module 2.4 Period 3 elements and their oxides

1. Using the resources provided in the folder, **complete your work booklet**. The textbook chapter and video links are good places to start but you can use other textbooks, websites etc of your choice to find the information.
2. **Mark and correct your booklet.**
3. Once you understand the topic, **complete the exam question booklet.**
4. **Mark and correct the exam question booklet.**

This task should take you approximately 3 hours.