

## 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 print the work booklets and exam booklets to fill in. They can also be added to your Class Notebook and filled in electronically. The other resources and documents can be used as printed files or used electronically.

All resources and booklets for these tasks will be in your class Teams folder. Other resource can be found on the internet.

### **PART 1: Year 13 Preparation work**

#### **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 the 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. Use the answer booklet to **mark and correct your booklet**.
4. Once you understand the topic, **complete the exam question booklet**.
5. **Mark and correct the exam question booklet**.

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

1. Using the resources provided in the folder, **complete the 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. Use the answer booklet to **mark and correct your booklet**.
3. Once you understand the topic, **complete the exam question booklet**.
4. **Mark and correct the exam question booklet**.

### **PART 2: Year 12 Review work**

You will need to revise all of your year 12 work ready for the progression exams and to be fully prepared for the work you will be doing in year 13. This will make up a substantial part of your summer learning.

You will be given some specific tasks and guidance to help you with this by your individual class teachers. All resources will be accessible through your Teams channel. All groups will be given the equivalent amount of work, but the specific form of the tasks will be tailored to the needs, strengths and weaknesses of each class so it can be the most effective. Please contact your class teacher if you have any queries on this.