

# Summer Tasks

## YEAR 12 into 13 CHEMISTRY



### TASK A – UpLearn

Minimum of 800XP points from 22nd July – 2<sup>nd</sup> September.

Aiming to boost your Up Score, this can be found at the top of your course page:

A screenshot of the UpLearn interface. At the top, it says 'Courses &gt; Chemistry - Papers 1, 2 and 3 (Year 12 &amp; 13)'. Below that is a course card with a circular icon and the text 'Chemistry - Papers 1, 2 and 3 (Year 12 &amp; 13)'. Underneath the course card is a 'My progress' section with a green progress bar and the text '8% Up Score' followed by an information icon.

Please focus on the weaknesses from your exam, these can be found on your proforma document distributed after your mocks. Please also focus on the following year 13 content to support what we have covered so far (links below), these have been set as assignments.

[5.1.1a-c](#)

[5.1.1d-e](#)

[5.1.1i](#)

[5.2.1a](#)

[5.2.1b](#)

[5.2.1c-e](#)

[6.1.1a-b](#)

[6.1.1c](#)

[6.1.1d-g](#)

[6.1.1h-j](#)

[6.1.1k-l](#)

# TASK B – PAG Revision Task

## Practical Skills in written examinations

The work you have completed for the Practical Endorsement has been excellent preparation for your public exams in Year 13.

It has been clear from the new specification exam papers, practice and specimen papers that the practical activities completed form significant part of all three papers especially paper 3.

Questions have focussed on the following key areas:-

- **Planning** – can you describe practical activity including Identification of equipment – you are expected to be able to draw a scientific diagram of the equipment and annotate as appropriate.
- **Risk Assess** – identify both the generic and specific dangers in each experiment. Be able to propose ways to minimise the dangers and outline any action required in the event of an accident. You are recommended to use CLEAPS, and other online resources, to research and reference your risk assessment.
- **Variables** – Independent, dependent, control – identify as appropriate.
- **Analysis** – Link between scientific understanding and anticipated results.
- **Processing** – Can you present your results in a well-designed data table and/or graphically. Do you know what to do with the data in terms of calculations required? Do you support your work by using balanced equations and/or ionic equations.
- **Evaluation** – What are the limitations of your experiment? How do you minimise uncertainty and errors? How could you improve your experiment? Can you constructively criticise a proposed method/diagram in order to improve or make safe the procedure?

Please complete the booklets on PAGs 1-7 uploaded to the google classroom.

***Please upload to the assignment on google classroom by the 2<sup>nd</sup> of September.***

## Optional extension task:

Work through the multiple choice questions on cognito for any modules completed so far:

<https://cognitoedu.org/courseoverview/c3-alevel-ocr/exam-practice/mcqs>