

# Summer Tasks 2024

## YEAR 12 into 13 CHEMISTRY



### TASK A – UpLearn

Minimum of 1000XP points from 20<sup>th</sup> June – 2<sup>nd</sup> September.

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

Courses > Chemistry - Papers 1, 2 and 3 (Year 12 & 13)

#### Chemistry - Papers 1, 2 and 3 (Year 12 & 13)

##### My progress

8% Up Score ⓘ

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):

- [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](#)

For your weaknesses on your assessment and the year 13 content you should be aiming to get your Up Score as high as possible. **Please upload a screenshot of your Up Score for each of the above links by the 2<sup>nd</sup> of September on the summer task assignment titled 'Uplearn'**. This is to allow tracking of areas of weakness for revision sessions.

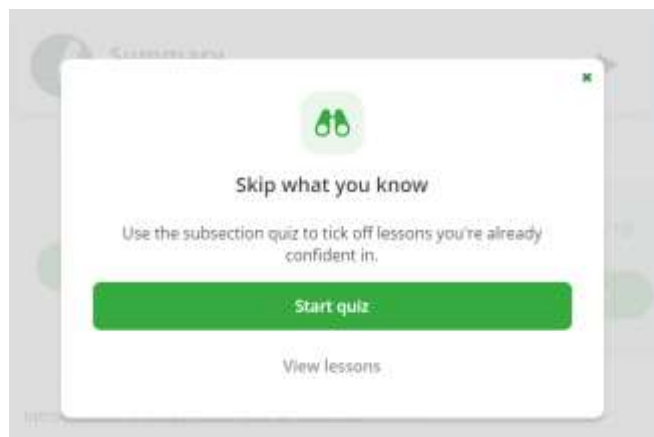
#### Rate-Determining Steps

Summary (1 page)

Strengthen

Up Score: 0/10

When you click on a new section on Uplearn that you have not completed before it will give you the option (shown below) to skip what you already know. To do this start the quiz, this will then allow you to skip sections you are already strong at and focus on strengthening the weaker areas afterwards.



If at any point you are unsure of how much you have done, please email [a.owen@springwoodhighschool.co.uk](mailto:a.owen@springwoodhighschool.co.uk) for an update.

## 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

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