

## First Year Practical Schedule

Unless otherwise noted, each practical cycle starts every Thursday of the week.

	<u>Week</u>
<u>Orientation Practical</u>	10/10/2024
<u>Experiment 3</u> An experiment in volumetric analysis - sodium hydroxide against hydrochloric acid	17/10/2024
<u>Experiment 4</u> A standard solution in volumetric analysis	24/10/2024
<u>Experiment 5</u> Determination of the basicity of sulfamic acid	31/10/2024
<u>Experiment 7</u> Finding the enthalpy of solution	07/11/2024
<u>Experiment 8</u> Finding the enthalpy change of neutralisation	14/11/2024
<u>Experiment 9</u> Investigation of the reactions of group II cations	21/11/2024
<u>Experiment 10</u> Investigation of the reactions of amphoteric metal cations	28/11/2024
<u>Experiment 6</u> Determination of the percentage purity of a sample of baking powder	05/12/2024

**CHRISTMAS HOLIDAYS**

## First Year Practical Schedule

Experiment 11 09/01/2025  
Investigation of the reactions of transition metal cations – Part I

Experiment 12 16/01/2025  
Investigation of the reactions of transition metal cations – Part II

Experiment 13 23/01/2025  
Investigation of the reactions of anions Part I

Experiment 14 30/01/2025  
Reactions of anions Part II

**Practical sessions will not be held on the week 06/02/2025**

Experiment 15 13/02/2025  
Identification of unknowns A, B, C, D and E

Experiment 16 20/02/2025  
Identification of unknowns G, H, I, J and K

Experiment 22 27/02/2025  
Identification of inorganic unknowns Q, R, S, T.

Experiment 17 06/03/2025  
Investigation of the stoichiometry of a reaction

Experiment 19 13/03/2025  
Determination of the molar concentration of a copper(II) sulfate solution using titrimetry.  
**Group 4A-1 will carry out this practical on Wednesday 02/04/2025**

Experiment 18 20/03/2025  
Comparison of the strengths of commercial bleaches

Experiment 25 27/03/2025  
Preparation of an ester  
**Practical sessions will not be held on Monday, as the 31<sup>st</sup> March is a public holiday. 4A-1 will carry out Exp 19 on Wednesday 02/04**

## First Year Practical Schedule

Experiment 20 03/04/2025  
Identification of unknowns M, N, O and P.

Experiment 21 10/04/2025  
Determination of the equilibrium constant of an esterification reaction.

### EASTER HOLIDAYS

Cycle starts on a Friday

Experiment 23 02/05/2025  
Organic Compounds (Hydrocarbons and Alcohols) – Part I

Experiment 24 09/05/2025  
Organic Compounds (Alcohols) – Part II

End of Year Practical Test  
A Titrimetric and Qualitative exercise **Wednesday**  
**21<sup>st</sup> May**