

## Second Year Practical Schedule

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

	<u>Week</u>
<u>Experiment 1</u> Determination of the formula of succinic acid	03/10/2024
<u>Experiment 5</u> Determination of the amount of water of crystallisation in ammonium oxalate crystals	10/10/2024
<u>Experiment 7</u> The first dissociation constant of a weak dibasic acid	17/10/2024
<u>Experiment 4</u> Carbonyl Compounds	24/10/2024
<u>Experiment 2</u> Determination of the enthalpy of reaction	31/10/2024
<u>Experiment 11</u> Identification of unknowns D, E, F, G	07/11/2024
<u>Experiment 12</u> Determination of the molar mass of acid H <sub>2</sub> A	14/11/2024
<u>Experiment 9</u> Reactions and properties of some carboxylic acids and their derivatives	21/11/2024
<u>Experiment 8</u> Identification of unknowns L, M, N, O	28/11/2024
<u>Experiment 13</u> Organic chemistry: Identification of unknowns H, I, J, K	05/12/2024

**CHRISTMAS HOLIDAYS**

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Experiment 3 09/01/2025  
The reactions of compounds of Group IV and Group V elements

Experiment 19 16/01/2025  
Determination of the RMM of compound A

Experiment 18 23/01/2025  
Determination of the basicity of an acid

Experiment 20 30/01/2025  
Kinetics: Determination of the order of reaction

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

Experiment 21 13/02/2025  
Reactions of the ions transition metals: Mn and Fe

Experiment 22 20/02/2025  
Reactions of the ions transition metals: Cr and Cu

Experiment 14 27/02/2025  
Introduction to aromatic chemistry: Compounds AA, BB, DD

Experiment 15 06/03/2025  
Aromatic compounds: EE, FF, HH

Experiment 16 13/03/2025  
Aromatic compounds: II, JJ, KK

**Group 4A-1 will carry out this practical on Wednesday 02/04/2025**

Experiment 17 20/03/2025  
Identification of aromatic compounds CC, GG and LL

## Second Year Practical Schedule

### Experiment 23

03/04/2025

Determination of the molar concentration of a copper(II) sulfate solution using titrimetry

### TEST

10/04/2025

A titrimetric and a qualitative exercise

**Good Luck Second years!**