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2016
*Celebrating
75 years*

Chemistry Overview

The Chemistry syllabus consists of a core syllabus and two options.

Higher level students must study in its entirety either Option 1 or Option 2.

Ordinary level

Students must study one of Option 1A and 2A or one of Option 1B and 2B.

The Chemistry syllabus is practically and experimentally based with 28 specified mandatory experiments.

The Core includes:

- Periodic table and atomic structure
- Chemical bonding
- Stoichiometry and formulas and equations
- Acids and bases
- Volumetric analysis
- Thermochemistry
- Organic chemistry
- Rates of reactions
- Chemical equilibrium
- Water chemistry

Option 1A: Additional Industrial Chemistry

Option 1B: Atmospheric Chemistry

Option 2A: Materials

Option 2B: Extraction of Metals and Additional Electrochemistry.

How is this subject examined?

Leaving Certificate Chemistry is examined in a single 3 hour paper. This paper has sections A and B. Section A contains 3 questions based on the mandatory experiments carried out. Section B contains 8 questions. In total, 8 questions must be attempted of which at least 2 must come from section A.

Additional Information

Students who intend to take Chemistry for Leaving Certificate need to be focused, interested and prepared to work hard both in class and at home. They need to be proactive in class, listen and be engaged in the learning.

Mandatory practicals must be taken seriously and recorded with care. Their purpose is to support the theory learned in class. Students must be responsible, homework must be completed and brought to class for correction.

It is advisable that a minimum of grade B in Junior Certificate Science is obtained before considering taking Chemistry in the Leaving Certificate.