

- **Chemistry**
- Subject content
- Leaving Cert. Chemistry is comprised of all the essential and relevant topics within general chemistry. The major topics involved include the following:
 1. Atomic structure
 2. Volumetric analysis
 3. Organic chemistry
 4. Water chemistry
 5. Reaction mechanisms.
- There also is an option to be taken as part of the course which involves the study of atmospheric and industrial chemistry or the study of materials and electrochemistry.
- Experimental investigations are an essential part of the leaving certificate course. Each student must complete at least 28 experiments over the duration of the course.
- Experimental work is examined as part of the leaving cert exam and forms the basis for a minimum of three questions on the exam paper.
- Exam Structure
- The leaving cert exam is three hours in duration. Each candidate must answer at least two questions from Section A (experimental section) and a maximum of six questions from Section B.

There are eleven questions in total on the exam paper, each carrying fifty marks.

There is no element of continuous assessment but experimental copies must be available for inspection by the State Examinations Commission.
- Comment
 1. It is recommended that a student undertaking the course has a good understanding of Junior Cert Science at the higher level.
 2. Each student should have an aptitude and interest for laboratory work.
 3. Mathematical competency is important but not essential.