

The Leaving Cert exam is 2.5 hours in duration. Students must answer question 1 and any 5 other questions out of a total of 7 questions.

[Additional Assessment Component \(AAC\)](#)

An Investigation Brief will be published annually by the SEC in term two of year one of the course.

To complete the Chemistry in Practice Investigation, students carry out the following:

- scientific research on an issue related to the brief. They gather, process and evaluate information from secondary sources. The knowledge gained from this phase of the investigation may help to inform their experimental work.
- an experiment related to an issue within the brief. They generate a hypothesis, plan, and design their experiment. They carry out their laboratory based experiment and gather primary data. Once they have gathered their primary data, they analyse the data and form conclusions.
- students develop an evidence-based argument in response to the brief.

Upon completion, students submit a report of their investigation in year two in a format prescribed by the SEC.

[What type of student should study chemistry?](#)

Students who:

- liked Junior Cert science
- have a good understanding of maths (higher level maths not necessary)
- enjoy lab work and hands-on learning
- have a good attention to detail
- are considering a career in science or health related areas

[Careers in Chemistry](#)

Doctor / Nurse / Vet / Pharmacist / Forensic scientist

Chemistry teacher / College lecturer

Chemical engineer / Research chemist / Lab technician

For further information please see the attached powerpoint –

[Subject fair Chemistry.pptx](#)