

5th Biology (H)

- Food.
- Digestive System.
- Enzymes.
- Photosynthesis.

5th Chemistry (H) Course 1

- The Atom.
- Trends in Periodic Table.
- Radioactivity.
- Bonding.
- Shapes of Molecules.

5th Chemistry (H) Course 2

- Q1 – Acid – Base – Titrations.
- pH Titres.
- Acid – Base Indicators.

5th Computer Science (H)

- Revisit in detail Neuman Architecture & the Physical Components of Computer Systems.
- Two Python Section C Exam Questions (Students must bring Laptops).
- A detailed analysis of how computers use IP Communications on the Internet & how IPV4 works.
- Eight famous CS problems which are now appearing on the LCH Examinations: Such as ciphers & game theory, will be implemented via Python.

5th English (H)

Macbeth

- Comprehensive Analysis of the Plot.
- Detailed Description of the Main Characters.
- Analysis of Character Relationships.
- Overview of the Main Themes in the Drama.

5th French (H)

Introduction

- Overview of Paper.
- Timing.

Section 1

- Grammar.
- Exam Grammar.

Section 2

- Written Expression.
- Useful phrases for opening/closing & main body of opinion pieces & journal intime.
- Key Grammatical Structures.

Section 3

- Aural Comprehension.
- Question's words & phrases.
- Looking at the marking scheme to see how/where marks are awarded.
 - Common mistakes to be avoided.

5th Irish (H)

- Cluastuisicint Preparation (Listening Comprehension).
- How to write an aiste (Essay).
- Preparing for Q 6A & 6B in the Léamhthuisicint (Reading Comprehension).
- Prós & Filíocht (Pro's & Poetry).

5th Maths (H)

- Algebra 1.
- Algebra 2.
- Algebra 3.
- Exam Question's.

5th Physics (H)

Mechanics

- Kinematics.
- Newton's Law.
- Conservation of Momentum.
- Friction.
- Work.
- Energy & Power.

Geometrical Optics

- Reflection & Refraction.
- Power of Lenses.
- The Eye.
- Fibre Optics.

- Theory of Light as a wave.
- Interference & Diffraction.
- Spectrometer.
- Diffraction Grating Formula.

**All Exhibited with Exam Questions & Pre-Exam Papers.