

Maths (H)

- Algebra Complex Numbers
- Functions
- Differentiation

Maths (O)

- Algebra 1 Expressions, Linear Equations, Quadratic Equations, The Quadratic Formula & Fractions.
- Algebra 2 Inequalities, Indices, Simultaneous Equations, Exam Paper Analysis (Sect. A&B)
- Functions -Graphing Functions, Linear, Quadratic, Cubic & Exponential Functions
- Differentiation – Rates of change, Real World examples, Section B Analysis on Differentiation
- Complex Numbers, Adding, Subtracting, Multiplying & Dividing Complex Numbers, Conjugate, Modulus, Argand Diagram.

Physics

Topic 1 - Mechanics

- Physical quantities
- Linear motion

- Vectors and scalars
- Force and momentum
- Pressure and floatation
- Moments and equilibrium
- Work energy and power
- Circular motion
- Simple harmonic motion
- 6 experiments over these chapters: Recap on procedure, Analysis and exam questions
- Exam questions and solutions covered

Topic 2 - Modern physics

- The electron
- The atom radioactivity and nuclear
- No experiments
- Exam questions and solutions covered

French

- Oral preparation
- Listening preparation
- Grammar & written expression
- Comprehensions & exam technique

Biology

- The Scientific Method
- Food
- All Ecology
 - Cell Division
 - Diffusion & Osmosis
- Enzymes & Energy Carriers
- Respiration

Chemistry

- Atomic theory
- Acids, bases & pH indicators/ Oxidation numbers
- Volumetric Analysis
- Introduction to Organic Chemistry

Agricultural Science

- Animal Welfare
- Dairy
- Grassland
- Soil
- Project/Exam Guidance

Business

- Topics from Unit 4: Insurance, Taxation, Finance & Cashflow

- Topic from Unit 5: Marketing Mix
- Topics from Unit 6: Industries/Sectors in the Economy & Types of Business Organisations
- The Applied Business Questions 2022

German

- Reading, Writing, Oral & Listening
 - Exam Technique
- Grammar -Nouns & Cases, Verbs & Tenses, Word Order & Conjunctions)
- Avoiding common mistakes

Home Economics

- Approaching question 1 and Lipids
- Carbohydrates
- Meat and meat alternatives
- Consumer Studies
- Marriage

Spanish

- The Essence of the Subjunctive
- Reading & Listening Comprehension Skills
- The Opinion Piece
- Spanish Level test & analysis
- The Oral Exam

Accounting

- Sole Trader Final accounts
- Company Final Accounts
- Incomplete Records A
- Incomplete Records B
- Costing

Geography

Surface Processes and Landforms (Fluvial in depth)

- Rocks
- Dynamics of a Region: Irish Peripheral and Irish Core

Irish (H)

- Ceapadóireacht
- Filíocht
- Prós
- Léamhthuiscint

English (H)

- Prescribed Poetry
- Single Text: Othello; Plot, Key quotations, Characters & Themes
- Comparative Study -Overview of how to answer this section/ Guidelines on exam technique
- Paper One: Comprehending - Question A
- Paper One Composing – The Essay and Question B

Art

Romanesque

- Social conditions in the 11th and 12th century Europe
- Focusing on the church and why the Christian Church was so powerful
- Focusing on why the people of this time made long pilgrimages throughout Europe
- Identifying what is a vault and different types of vaults and their function
- Understanding the relationship between Romanesque architecture and sculpture
- Identifying and describe and discuss examples of Romanesque churches
- Be able to analyse examples of Romanesque sculpture.

Gothic

- Gothic architecture and its main Influences
- Abbot Suger's role in this new style of architecture
- Identify and draw the distinctive features of architecture and compare those of Romanesque
- Identify and discuss how the imagery in gothic sculpture progressively became more naturalistic
- Identifying and discuss the work of Claus Sluter and the Naumburg masters
- Stain class and Chartres Cathedral
- International style
- 14th century
- The Wilton Diptych
- Painting by the Limbourg brothers – Les Tres Heures
- Looking at Exam questions and Marking schemes
- Examples of Exam answers

History

Course content for History to be confirmed.

(Material covered from the topics listed*)