

## 5<sup>th</sup> Year Easter Course Content

### **5<sup>th</sup> Chemistry (H) Course 1**

- Acid Bases
- Ph Calculations
- Ph Titres
- Indicators
- Kw of Water

### **5<sup>th</sup> Chemistry (H) Course 2**

- Acids/base titrations
- Iodine/sodium thiosulphate titrations

### **5<sup>th</sup> English (H) Course 1 – Othello**

- Comprehensive analysis of the plot
- Detailed description of the main characters
- Analysis of character relationships
- Overview of the main themes in the drama

### **5<sup>th</sup> English (H) Course 2 - Elizabeth Bishop**

- The Fish
- The Prodigal
- First Death in Nova Scotia
- Filling Station
- In the Waiting Roo

### **5<sup>th</sup> Irish (H)**

- 1st Session: Introduction to the Higher Level Course, breakdown of papers, tips & advice. An Aiste. A focus on the essay section of Paper 1
- 2nd Session: Prós: A focus on selected stories in the prose section, Paper 2
- 3rd Session: Filíocht: A focus on selected poems in the poetry section, Paper 2

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### **5<sup>th</sup> Maths (H) Course 1**

- Algebra (Simplifying Expressions): addition/subtraction of algebraic fractions; algebraic division; the Binomial Theorem.
- Algebra (Solving Equations): simultaneous equations (one linear, one non-linear); simultaneous equations (three equations, three unknowns); equations involving fractions; the Factor Theorem; cubic equations; absolute value equations; surd equations.
- Algebra (Inequalities): solving linear, quadratic, rational and absolute value inequalities.
- Indices and Logarithms: solving exponential and logarithmic equations using the laws of indices and the laws of logarithms.

### **5<sup>th</sup> Physics (H) Course 1**

- Light- Lenses & Refraction
- Mechanics - Gravity