

## **IB Math SL 11: TERM 2 TOPIC LIST**

### ***Quest 5 (Equations & Inequalities)***

- Lesson 1: Quadratic & Polynomial Inequalities
- Lesson 2: Rational Functions
- Lesson 3: Rational Equations
- Lesson 4: Radical Equations & Inequalities
- Lesson 5: Absolute Value Equations & Inequalities

### ***Quest 6 (Transformations)***

- Lesson 1: Translations
- Lesson 2: Reflections
- Lesson 3: Expansions/Compressions
- Lesson 4: Combinations of Transformations

### ***Quest 7 (Exponents & Logarithms)***

- Lesson 1: Exponential Functions & Applications
- Lesson 2: Exponential Equations
- Lesson 3: Definition of Logarithms
- Lesson 4: Laws of Logarithms
- Lesson 5: Solving Logarithmic Equations
- Lesson 6: Solving Exponential Equations with Logarithms
- Lesson 7: Natural Logarithms & e