

- 
- Exponential laws
 - Solving for exponents

- 
- Factoring
 - Quadratic formula

- (1) Quadratic Functions
- (2) Exponential Functions
- (3) Trigonometric Functions

Real Life Applications:

- Kinematics
- Financial Literacy
- Periodic motion and waves

- 
- Triangles
 - Circles

Functions:

- Graphical representation \leftrightarrow Algebraic representation
- Transformations
- Characteristics (max, min, x-intercept, y-intercept)
- Domain and Range