

### 3. The Quadratic Function

#### Lesson Plans and Interactive Resources for 1.Arithmetic Sequences and Series

The McGraw-Hill Ryerson PreCalculus 11 Text is used as the Main Resource.

Assignments in the Powerpoint Lesson Plans refer to pages and questions in the PreCalculus text.

- [3.0 Quadratic Function Outline](#)

#### Lesson Plans

- [3.1A Quadratic Functions](#)
- [3.1B Quadratic Function Equations](#)
- [3.2 Quadratic Standard Form](#)
- [3.3 Completing the Square](#)

#### Digital Resources

- [3.1A Vertex Form of Quadratic Functions](#) (Nspire File)
- [A Library of Functions with Transformations](#) (Geometer's Sketchpad)
- [Half Stack Activity](#) (GeoGebra)
- [Quadratic Interactive Graph](#)
- [Quadratics in Vertex Form](#)

#### [The Seven Mathematical Processes](#)