## Pre-calculus 11

#### Chapter 3: QUADRATIC FUNCTIONS

**Instructions for Homework**:

* Clearly write your name, class block, and date at the top of your paper.
* Title your page with the textbook section and page #.
* Begin each problem by writing the problem # and copying the question.
* Show all your work clearly. Answers alone will receive no credit.
* Check your own answers in the back of the book with a coloured pen.
* Correct all wrong answers beside your original work. Ask in class or during morning or afternoon extra help times if you need help correcting your own work.

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| **Topics** | **Homework** | **Due Dates** | **Complete?** |
| 3.1: Quadratic functions in vertex form (day 1) | 3.1 Worksheet | Sep. 28/29 |  |
| 3.1: Quadratic functions in vertex form (day 2) | Pg. 157 # 1 – 4 (a, c only), 6, 8 - 9 (a, c only), 12, 21 | Sep. 30/1 |  |
| 3.2: Investigating quadratic functions in standard form | Pg. 174 # 1, 2, 5, 7, 10, 16 | Oct. 2/5 |  |
| \*\* QUIZ (3.1, 3.2) \*\* Applications of Quad. Functions | Applications Worksheet | Oct. 6/7 |  |
| 3.3: Completing the Square | Pg. 192 # 3, 5 (a, c), 6, 8a, 9, 12c, 14 | Oct. 8/9 |  |
| Project Day | Due In-Class | Oct. 13/14 |  |
| Ch. 3 Review | Pg. 201 – 203: # 1 – 14 | Oct. 15/16 |  |
| **Ch. 3 TEST** |  | Oct. 19/20 |  |