Quadratic Equations and Functions

Algebra 1

Chapter 10

**Layered Work Outline.**

**“C” Level Work (85 points maximum)** (All quizzes are mandatory)

Complete notes for each lesson

1.\_\_\_\_ Lesson 1: Graph y = ax2 +c (5 pts)

2.\_\_\_\_ Lesson 2: Graph y = ax2 + bx + c(5 pts)

3.\_\_\_\_ Lesson 3: Solve Quadratic Equations by Graphing(5pts)

4.\_\_\_\_ Lesson 4: Use Square Roots to Solve Quadratic Equations(5 pts)

5.\_\_\_\_ Lesson 5: Solve Quadratic Equations by Completing the Square(5 pts)

6.\_\_\_\_ Lesson 6: Solve Quadratic Equations by the Quadratic Formula(5 pts)

7.\_\_\_\_Lesson 7: Interpret the Discriminant(5 pts)

 Book Work

8.\_\_\_\_ 1-7,11,12 p632(10 pts)

9.\_\_\_\_ 4-16 even p638(10 pts)

10.\_\_\_\_3-5, 14-16, 22 p647 (10 pts)

11.\_\_\_\_ 4-28 even p655(10 pts)

12.\_\_\_\_ 4-16even p666 (10 pts)

13.\_\_\_\_ 3-14 p674(10 pts)

14. \_\_\_\_ 3-24p681(10 pts)

15.\_\_\_\_ Review Sheet (10 pts)

16.\_\_\_\_ Quiz 1(5 pts)

17.\_\_\_\_ Quiz 2 (5 pts)

18.\_\_\_\_ Quiz 3 (5 pts)

**“B” Level Work (10 pts max)**

20.\_\_\_\_ Read Extension p641 do 1-6 p642 (5 pts)

21.\_\_\_\_ Do 56 and 57 p657 (5 pts)

22.\_\_\_\_ Do 45 and 46 p 667 (5 pts)

23.\_\_\_\_ 1-21, 24 p 701 (5ts)

**“A” Level Work (10 pts max)**

24.\_\_\_\_ Come up with your own idea for “A” Level work. Get my permission before proceeding. (5 pts)

25.\_\_\_\_Do 25,26 ws 10.3 and 25 ws 10.4 (5 pts)

26.\_\_\_\_Do 21-23 ws 10.5 (5 pts)

27.\_\_\_\_Do 25 and 26 ws 10.6 (5 pts)

28.\_\_\_\_ **Unit Test**  Mandatory for all students.