

MATHEMATICS

Learning Cycle 3

GRADE 10

2009-2010

Grade 10: Booklet

Chapter 5: Quadratic Functions and Inequalities

Sections: 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8.

Chapter 10: Circles

Sections: 10.1.

6 Periods / Week

Wk 23 (Jan 31 - Feb 04)	Algebra 2: 5.1 Graphing Quadratic Functions. (6p)
Wk 24 (Feb 07 – Feb 11)	5.2 Solving Quadratic Equations by Graphing. (4p) 5.3 Solving Quadratic Equations by factoring. (2p)
Wk 25 (Feb 14 - Feb 18)	5.3 Continued . . . (4p) 5.4 Complex Numbers. (2p)
Wk 26 (Feb 21 – Feb 25)	5.4 Continued . . . (4p) 5.5 Completing the Square. (2p)
Wk 27 (Feb 28 - March 04)	5.5 Continued . . . (3p) 5.6 The Quadratic Formula and the Discriminant. (3p)
Wk 28 (March 07 – March 11)	5.6 Continued . . . (2p) 5.7 Analyzing Graphs of Quadratic Functions. (3p) 5.8 Graphing and Solving Quadratic Inequalities. (1p)
Wk 29 (March 14 - March 18)	5.8 Continued . . . (3p) + Revision (3p)
Wk 30 (March 21 - March 25)	Geometry: 10.1 Circles and Circumference.
Wk 31 (March 28 - April 01)	10.1 Continued

Midterm 2 weeks