



*Grade 10 – Math – Academic Levels
(MPM2D)*

Unit 4 Quadratic Relations

	Topics	Homework	
		Text book	Worksheet
Day 1	Quadratic Relations in Vertex Form (Translations)		Quadratic Relations in Vertex Form (Translations)
Day 2	Quadratic Relations in Vertex Form (Vertical Stretches)	P. 364 #1 - 4	Quadratic Relations in Vertex Form (Vertical Stretches)
Day 3	Quadratic Relations in Vertex Form (Transformations)		Quadratic Relations in Vertex Form (Transformations)
Day 4	Graphing Quadratic Relations in Vertex Form	P. 365 #7-9, 12,13,16	Graphing Quadratic Relations in Vertex Form
Day 5	Perfect Square Trinomials and Completing the Squares	P. 390 #1, 2, 4, 5, 6, 8, 9	Perfect Square Trinomials and Completing the Squares
Day 6	Quadratic Formula	P. 403 #3,5,8,9,11,14,17,20,24	Quadratic Formula
Day 7	Optimization Problems		Optimization Problems
Day 8	Optimization Problems (More)	P. 355 #21,22 P. 391 #11-18, 20, 23	
Day 9	Discriminants of Quadratic Functions & relations	P. 403 #5	Discriminants of Quadratic Functions & relations
Day 10	Work period		
Day 11	Review		Review: Quadratic Functions
Day 12	Review	P. 406 #26,29 P. 416 #8ac P. 428 #18 P. 429 #1-12	Selective: Quadratic Functions & Equations
Day 13	Test		