

Fall 2017 Elementary Math Models Semester Plan

TUESDAYS		FRIDAYS	
8/29	Number patterns; patterns for prediction; worksheet 1 with different patterns; section 1.1	9/1	Number Patterns cont. recursive vs direct; sequences and position numbers; Subscript notation; Worksheet 2; section 1.2
9/5	variable subscripts, difference and functional equations, worksheet 3; section 1.3; intro to section 2.1	9/8	2.1, 2.2: Arithmetic growth; excel spreadsheet; sample problem in context
9/12	2.2 + Review for exam	9/15	Exam 1: 1.1-2.2
9/19	2.3 Line Eqns	9/22	2.4 Linear models
9/26	First Lecture on 3.1, Quadratic Growth	9/29	Continue with 3.1, quadratic growth: Derive Functional Equation, Start 3.2, PIC example.
10/3	3.2	10/6	3.3
10/10	Exam 2: 2.4 - 3.2	10/13	NOCLASSES
10/17	4.1	10/20	4.2
10/24	4.3	10/27	4.3 solving eqns and logs
10/31	4.4	11/3	4.4 overview 4.5
11/7	Review	11/10	Exam 3: 3.3 - 4.4
11/14	5.1	11/17	5.1 & 5.2
11/21	5.2	11/24	NOCLASSES
11/28	6.1	12/1	6.2
12/5	6.3	12/8	Review, LAST CLASS
12/12		12/15	FINAL EXAM 11:20AM - 1:50PM