Date	Topic	Assigned Practice
Mon. Sept. 23	Begin Unit 2: Polynomial Functions Review Linear/Quadratic Functions (PowerPoint Presentation)	Worksheet Activity 2.1.1, 2.1.2, 2.1.3 **Study for Unit 1 Test**
Tues. Sept. 24	**Unit 1 Summative: Exponential Functions**	
Wed. Sept. 25	Investigating Cubic/Quartic Functions	Worksheet Activity 2.2.2 with desmos, 2.2.3*
Thurs. Sept. 26	Properties of Cubic and Quartic Functions (**PowerPoint** Presentation)	2.3.1, 2.3.2, 2.3.3
Fri. Sept. 27	Graphing functions in factored form	2.5.1, 2.5.2, 2.5.3 #5(a–f) **posted online: *Read p.208** posted online: pp.212-213 #5–7, 9, 11
Mon. Sept. 30 (White Boards)	Identifying Polynomial Functions	2.4.2*, 2.4.3*, 2.4.4 **posted online: *Read p.194** posted online: pp.197-198 #1, 2, 5
Tues. Oct. 1	Determining Equations of Polynomial Functions (using the roots and a point)	2.6.1, 2.6.2, 2.6.3 **posted online: *Read pp.209-211 (Ex.1–3)** posted online: pp.212-214 #8, 10, 14bcd, 16, 17(a–d)
Wed. Oct. 2	Solving Polynomial *Equations* graphically (using the corresponding polynomial function)	2.7.1 **posted online: pp. 217-218 #1, 2c, 3d, 4b, 6, 7**
Thurs. Oct. 3	**SWYK 2.1** Modeling using Quadratic Functions	2.8.1 **posted online: pp. 224-225 #4(a–c), 6, 7, 10**
Fri. Oct. 4	Modeling using Cubic Functions	2.9.1 **posted online: p. 230 #1-4**
Mon. Oct. 7	Review (& Correct Review and 2.9.1)	**posted online: pp.244-245 #1, 3–7** p.247 #17
Tues. Oct. 8	Begin Unit 3: Polynomial Equations Comparing zeros of polynomial functions to the roots of the corresponding polynomial equation	3.1.1, 3.1.2, 3.1.3 **(Print out 3.2.2, 3.2.3 & 3.2.5 in advance)** **Be ready for the Unit 2 Summative tomorrow!**
Wed. Oct. 9	**Unit 2 Summative: Polynomial Functions**	
Thurs. Oct. 10 **[Klash]**	Factoring extended to cubic & quartic expressions: Methods: common factoring, difference of squares, trinomial factoring, and grouping	**(Print out 3.2.2, 3.2.3 & 3.2.5 in advance)** 3.2.2*, 3.2.3*, 3.2.4, 3.2.5*
Fri. Oct. 11	Solving cubic & quartic equations (**PowerPoint** Presentations)	**(Print out 3.3.1 in advance)** 3.3.1*, 3.3.2 #1(a–h)
Mon. Oct. 14	☺ **Thanksgiving Day** ☺	
Tues. Oct. 15 **[Interim Reports]**	Expand and Simplify polynomial expressions	**(Print out 3.4.1 in advance)** 3.4.1* 3.4.2 #1–12 **Study** for tomorrow's **Factoring Quiz**
Wed. Oct. 16	**SWYK 3.1** (on Factoring…study 3.2.2 & 3.2.3) Solving Polynomial Equations and Applications (solving problems arising from real world applications) (Day 1)	**(Print out 3.5.1 in advance)** 3.5.1* #1–9 3.5.2 #1, 2
Thurs. Oct. 17 **[Parents' Night]**	Applications of Polynomial Equations (solving problems arising from real world applications) (Day 2)	3.6.1 #1–4
Fri. Oct. 18	Connecting Formulae	3.7.1 3.7.2 1–14, 1–18 3.7.3 2c,d,f, 3a,b,c