

COURSE SYLLABUS
SEMESTER 1

ALGEBRA II A
MRS. JOHNSON

Room Number: 155
 Conference Time: 7th Hour
 School Phone Number: 366-2006
 Voice Phone Number: 2234
 Email Address: johnsonm@hlcsk12.net
 Text/Resources Used: Advanced Algebra II
Progress Reports are available on parent connect
Parent/Teacher Conferences on October , 4 p.m.-7 p.m.

Week of:	Standard/Expectation	Assignments	Assessments
Week 1:	Equations and Inequalities Chapter 1 Sections 1-3	WS 1.1 & 1.3 WS 1.2 1.4, Pg. 30, #1-13	Quiz 1.1-1.3
Week 2:	Equations and Inequalities Chapter 1 Sections 4-6 Linear Relationships and Functions Chapter 2 Sections 1-4	1.5, Pg. 36, #1-9 1.6, Pg. 45, #1-10 Pg. 50, #11-53 2.1, Pg. 64, #1-10 2.2, Pg. 71, #1-15 2.3, Pg. 79, #1-8 2.4, Pg. 87, #1-7,9-23odd, 24-26	Test Chapter 1
Week 3:	Linear Relationships and Functions Chapter 2 Sections 5-8	Pg. 91, #1-25 2.5, Pg. 96, #3-8 G.C.lab 2.6, Pg. 104, #8-11 2.7, Pg. 113, #1-38 2.8, Pg. 119, #2-20 even Pg. 123, #8-42e,49-61	Quiz, 2.1-2.4 Test Chapter 2
Week 4:	Systems of Equations and Inequalities Chapter 3 Sections 1-5 and 4.1	3.1, Pg. 138, #1-8 3.2, Pg. 146, #2-14 even 3.3, Pg. 154, #1-3,5 & 6 Pg. 159, #2,4,5,6-12e, 15-21 odd 3.4, Pg. 163, #1-6 3.5, Pg. 171, #1-6 Pg. 177, #1-13,17&18 4.1, Pg. 188, #1-8	Quiz 3.1-3.3 Test Chapter 3
Week 5:	Introduction to Matrices Chapter 4 Sections 1-5 &Sec. 5.1	4.2, Pg. 196, #1-11 4.3, Pg. 204, #1-14 w/GC Pg. 208, #1-19 4.4, Pg. 225, #2-24 even 4.5, Pg. 233, #1-12 Pg. 238, #11-17,24-34 5.1, Pg. 254, #1-6by hand	Quiz 4.1-4.3 Test Chapter 4
Week 6:	Quadratic Functions and Equations Chapter 5 Sections 1-4	5.1, Pg. 254, #12-32 even 55-57 5.2, Pg. 263, #1-11, 13-19, 20-32 even 5.3, Pg. 272, #1-15,18-42e 5.4, Pg. 280, #1-17,18-58e	

Week 7:	Quadratic Functions and Equations Chapter 5 Sections 5-7	5.1-5.4 WS Review 5.5, Pg. 288, #1-13,14-36e 5.6, Pg. 297,#1-13, 14-26e 5.7, Pg. 308, #1-7,8-40e	Quiz 5.1-5.4
Week 8:	Quadratic Functions and Equations Chapter 5 Sections 8 Polynomials Chapter 6.1	5.8, Pg. 315, #1-12,15,18, 21,24,27,31,33,36,39,46-48 5.5-5.8 WS Pg. 321, #10-72even 6.1, Pg. 338, #1-14,16-27, 28-38even	Quiz 5.5-5.8 Test Chapter 5
Week 9:	Polynomials and Polynomial Functions Chapter 6 Sections 2-4	6.2, Pg. 345, #1-7,14-24e 6.3, Pg. 352, #1-22,24-34e 35-40 6.4, Pg. 361, #1-13,27-40 6.1-6.4 WS	Quiz 6.1-6.4
Week 10:	Polynomials and Polynomial Functions Chapter 6 Sections 5-7	6.5, Pg. 372, #1-47 (2 day) 6.6 & 6.8, Pg. 380, #1-7 & #4-9 6.7, Pg. 388, #1-16,18-58e 6.5-6.8 WS	Quiz 6.5-6.7
Week 11:	Inverses and Radical Functions and Relations Chapter 7 Sections 1-2	Pg. 398, #11-40, 41-55odd 7.1, Pg. 413, #1-7,8-34even 7.2, Pg. 420, #1-8,10-38even 7.2 Graphing Tech Lab	Chapter 6 Test
Week 12:	Inverses and Radical Functions and Relations Chapter 7 Sections 3-4	7.3, Pg. 427, #1-12,14-42e 7.4, Pg. 433, #1-11,12-54e Pg. 438, #1-31 Review	Quiz 7.1-7.4
Week 13:	Inverses and Radical Functions and Relations Chapter 7 Sections 5-7	7.5, Pg. 443, #1-17,18-52e 7.6, Pg. 449, #1-15, 16-64e 7.7, Pg. 456, #1-22, 24-60e	

Week 14:	Inverses and Radical Functions and Relations Chapter 7 Section 8	7.5-7.7 Review WS Pg. 463, #10-80 even 8.1, Pg. 479, #1-12, 14-32e	Quiz 7.5-7.7 Test Chapter 7
Week 15:	Exponential and Log Functions and Relations Chapter 8 Section 1-3	8.1, Pg. 479, #1-12,14-32e,33 8.2, Pg. 488, #1-8, 10-38even 8.3, Pg. 496, #1-12, 14-56e 8.4, Pg. 504, #1-7, 8-32 even	
Week 16:	Exponential and Log Functions and Relations Chapter 8 Section 4-5	Pg. 508, #1-24 Review 8.5, Pg. 512, #1-11,12-58e 8.6, Pg. 519, #1-15, 16-58e	Quiz 8.1-8.4
Week 17:	Exponential and Log Functions and Relations Chapter 8 Section 6-8	8.7, Pg. 529, #1-19,20-54e 8.8, Pg. 537, #1-11 Pg. 542, #11-65 Review	Quiz 8.5-8.8 if time permits Test Chapter 8
Week 18:	EXAM		