

Textbook

Saxon Advanced Math, 2nd edition, ISBN 978-1-565770-39-3, Answer Key Booklet and Test Forms ISBN 978-1-565771-59-8; recommended Solutions Manual ISBN 978-1-565770-42-3

Materials Needed

Notebook paper (looseleaf or in a notebook), pen or pencil, scientific or graphing calculator

Prerequisites

Algebra 2

Course description

This course is a combination of higher level topics in algebra, plus introductory topics for pre-calculus and trigonometry, and also the final leg of the three-legged stool of the Saxon Algebra sequence, which gives students a full geometry credit as well. Topics include trigonometric functions, summation, sequences and series, logarithms, advanced probability, conic sections, matrices, and polynomial division. Because Saxon Math teaches incrementally (as opposed to traditional "chapter-contained" models), repetition and mastery are what will give students the foundation they need for higher level mathematics.

Grading Scale and Weights

A:	90 to 100	Homework	30%
B:	80 to 89	Tests	70%
C:	70 to 79		
D:	60 to 69		
F:	0 to 59		

Other information

Please make use of the above contact methods for help with homework during the week (including weekends). If you call and there is no answer, please leave a message. Do NOT send texts, please. Whether you send an email or leave a voicemail, please remember that I am teaching all day each weekday, so I might not get to respond immediately.

Class Time

The co-op classes will be as scheduled by CCHSHC. The time will be used to lecture over the lessons being covered that week, answer any questions from the previous week's homework or test, and work practice problems. The intent of the lecture is (a) to give an extensive preview/review of the lessons for the week, and (b) to give students a working knowledge of the new skills so they can do the homework on their own.

Homework

Homework will be assigned for each, week and is expected to be graded at home by the parent. The homework assignments must be turned in to the instructor one week from the date which they were assigned, and the student will receive a completion grade. Penalties may be applied to late assignments. Students may organize their homework in any way acceptable to the parents, but the work must be neatly organized, legible, and have the answer clearly marked.

Tests

All tests should be administered by the parent(s) of the student during the week indicated on the schedule. Testing will proceed as follows: all tests will be closed-book and closed-notes; each test is to be taken at one sitting, supervised by the parent, and within a 75-minute timeframe. After the student has completed the test, it should be placed in an envelope which is then sealed and signed by the parent. The test must be returned no later than the next class period. A 10% deduction will be taken for every class period the test is tardy. If a student has questions regarding an exam, he/she may try to contact the instructor for help, but should still complete all items as thoroughly as possible. Upon returning the exam, the student should notify the instructor of any misunderstood or unclear items. This is the only opportunity to dispute problems. Concessions will not be made for any reason if this testing procedure is not followed.

Pre-Calculus • 2016-2017

Quarter	Week #	Friday	Precalculus	Quarter	Week #	Friday	Pre-Calculus
1	1	8/26/16	Lessons 1-4	3	17	1/13/17	Lessons 65-68
	2	9/2/16	Lessons 5-8		18	1/20/17	Lessons 69-72
	3	9/9/16	Lessons 9-12		19	1/27/17	Lessons 73-76
	4	9/16/16	Lessons 13-16		20	2/3/17	Lessons 77-80
	5	9/23/16	Lessons 17-20		21	2/10/17	Lessons 81-84
	6	9/30/16	Lessons 21-24		22	2/17/17	Lessons 85-88
	7	10/7/16	Lessons 25-28		23	2/24/17	Lessons 89-92
	8	10/14/16	Lessons 29-32			Spring Break	3/3/17-3/10/17
2	9	10/21/16	Lessons 33-36	4	24	3/17/17	Lessons 93-96
	10	10/28/16	Lessons 37-40		25	3/24/17	Lessons 97-100
	11	11/4/16	Lessons 41-44		26	3/31/17	Lessons 101-104
	12	11/11/16	Lessons 45-48		27	4/7/17	Lessons 105-108
	13	11/18/16	Lessons 49-52		Good Friday	4/14/17	
	Thanksgiving Break	11/25/16			28	4/21/17	Lessons 109-112
	14	12/2/16	Lessons 53-56		29	4/28/17	Lessons 113-116
	15	12/9/16	Lessons 57-60		30	5/5/17	Lessons 117-120
	16	12/16/16	Lessons 61-64		31	5/12/17	Lessons 121-125
	Christmas Break	12/23/16-1/6/17		32	5/19/17	Make-up week?	

**Please be advised that this is a tentative schedule. Due dates on Weebly should be considered the final authority in regards to pacing. Some chapters or lessons may be omitted as necessary if the class gets behind schedule.*