

Daily Lesson Plans
for
Saxon
Advanced Mathematics
Second Edition

My Father's World[®]

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Saxon Advanced Mathematics, Second Edition

Lesson Plans

Saxon Advanced Mathematics is designed to be completed in one of three ways:

- in two (2) semesters, in three (3) semesters, or in four (4) semesters.

This guide is designed for completing the textbook in three (3) semesters. To complete the textbook in two semesters or four semesters, you will need to adjust accordingly.

This guide is designed for the average to above average student. We have carefully evaluated each lesson and selected the problems in each lesson that are most important to complete. The assignments have been chosen to help the student practice the concepts and apply them to various applications. If a student is struggling with the assignments and scoring less than 80% on his tests, then he should slow down and do each problem in each lesson. This will take more time for each lesson but it will improve comprehension.

Materials needed:

- paper
- pencils
- graph paper (beginning with Lesson 8)
- a graphing calculator (for finding sine, cosine, line of best fit, etc.)
- a compass (One with a wheel in the center to adjust the legs is much easier to use than other kinds of compasses. You will need it in Lesson 4.)
- a 12-inch ruler (with both inches and centimeters)
- a thin one-theme spiral notebook for notes
- Saxon Advanced Mathematics* Homeschool Kit, Solutions Manual (recommended), DIVE CD (recommended)

Notes:

While listening to the DIVE CD and reading the lessons in the textbook, the student should take notes in a one-theme spiral notebook. This notebook is to be used only for math notes; use a different notebook to work the problems in the Problem Set. The student should write down definitions, draw pictures of examples, and keep notes of anything else that will help him remember the material.

Procedure:

MFW recommends using the DIVE CD in conjunction with Saxon math textbooks. Each day, begin by listening to the appropriate lesson on the DIVE CD. Work every problem in your DIVE lesson and take notes in your math

notebook of what is taught in the DIVE lesson. Be sure you understand the DIVE lesson and are able to accurately complete all of the practice problems on the CD.

Once you have mastered the lesson on the DIVE CD, complete the Problem Set from your textbook as instructed in your lesson plans. Many students who use the DIVE CD find that they do not need to read the lesson in the Saxon textbook. However, if you have any difficulty with the Problem Set, then also read the lesson in your Saxon textbook and do the practice problems in the book.

SAMPLE

Test Scores
Saxon Advanced Mathematics, Second Edition

Name _____

	Date	Score	Parent Initial
Test 1	_____	_____	_____
Test 2	_____	_____	_____
Test 3	_____	_____	_____
Test 4	_____	_____	_____
Test 5	_____	_____	_____
Test 6	_____	_____	_____
Test 7	_____	_____	_____
Test 8	_____	_____	_____
Test 9	_____	_____	_____
Test 10	_____	_____	_____
Test 11	_____	_____	_____
Test 12	_____	_____	_____
Test 13	_____	_____	_____
Test 14	_____	_____	_____
Test 15	_____	_____	_____
Test 16	_____	_____	_____
Test 17	_____	_____	_____
Test 18	_____	_____	_____
Test 19	_____	_____	_____

___Day 23 **Complete** DIVE Lesson 18 or read Lesson 18 (pp133 – 136).
Do Problem Set 18 (pp136 – 138) #1 – 8 and 22 – 30.

___Day 24 **Complete** DIVE Lesson 19 or read Lesson 19 (pp138 – 143).
Note: You should memorize the sum and difference of two cubes formulas. Did you put them in your notes?
Do Problem Set 19 (p143) #1 – 14.

Week 9

___Day 25 **Complete** DIVE Lesson 20 or read Lesson 20 (pp145 – 148).
Do Problem Set 20 (pp148 – 150) #1 – 11 all, 12 – 30 evens.

___Day 26 **Do** Test 4.

___Day 27 **Complete** DIVE Lesson 21 or read Lesson 21 (pp150 – 157).
Do Problem Set 21 (pp158 – 159) #1 – 12 all, 15 – 29 odds.

Week 10

___Day 28 **Complete** DIVE Lesson 22 or read Lesson 22 (pp160 – 163).
Do Problem Set 22 (pp163 – 165) #2 – 30 evens.

___Day 29 **Complete** DIVE Lesson 23 or read Lesson 23 (pp166 – 169).
Do Problem Set 23 (p170) #6 – 16.

___Day 30 **Complete** DIVE Lesson 24 or read Lesson 24 (pp172 – 176).
Do Problem Set 24 (pp176 – 178) #1 – 30.

Week 11

___Day 31 **Do** Test 5.

___Day 32 **Complete** DIVE Lesson 25 or read Lesson 25 (pp178 – 181).
Do Problem Set 25 (pp181 – 182) #1 – 16.

___Day 33 **Complete** DIVE Lesson 26 or read Lesson 26 (pp183 – 185).
Do Problem Set 26 (pp186 – 187) #1 – 20.

Week 12

___Day 34 **Complete** DIVE Lesson 27 or read Lesson 27 (pp188 – 191).
Do Problem Set 27 (pp191 – 192) #1 – 29 odds.

___Day 35 **Complete** DIVE Lesson 28 or read Lesson 28 (pp193 – 195).
Do Problem Set 28 (pp195 – 197) #2 – 30 evens.

___Day 36 **Do** Test 6.

Week 36

___Day 110 **Complete** DIVE Lesson 88 or read Lesson 88 (pp521 – 524).
Do Problem Set 88 (pp524 – 526) #1 – 30.

___Day 111 **Do** Test 21.

___Day 112 **Complete** DIVE Lesson 89 or read Lesson 89 (pp526 – 529).
Do Problem Set 89 (pp529 – 530) #1 – 14 all, 15 – 29 odds.

Week 37

___Day 113 **Complete** DIVE Lesson 90 or read Lesson 90 (pp531 – 533).
Do Problem Set 90 (p534) #7 – 30.

___Day 114 **Complete** DIVE Lesson 91 or read Lesson 91 (pp535 – 537).
Do Problem Set 91 (pp537 – 538) #1 – 23.

___Day 115 **Complete** DIVE Lesson 92 or read Lesson 92 (pp538 – 540).
Do Problem Set 92 (pp540 – 541) #1 – 14 and 22 – 25.

Week 38

___Day 116 **Do** Test 22.

___Day 117 **Complete** DIVE Lesson 93 or read Lesson 93 (pp542 – 545).
Do Problem Set 93 (pp545 – 546) #1 – 29 odds.

___Day 118 **Complete** DIVE Lesson 94 or read Lesson 94 (pp546 – 549).
Do Problem Set 94 (pp 549 – 550) #1 – 22.

Week 39

___Day 119 **Complete** DIVE Lesson 95 or read Lesson 95 (p551).
Do Problem Set 95 (pp552 – 553) #1 – 13 and 24 – 30.

___Day 120 **Complete** DIVE Lesson 96 or read Lesson 96 (pp553 – 556).
Do Problem Set 96 (pp556 – 557) #1 – 10 all, 12 – 30 evens.

___Day 121 **Do** Test 23.

Week 40

___Day 122 **Complete** DIVE Lesson 97 or read Lesson 97 (pp557 – 559).
Do Problem Set 97 (pp559 – 560) #1 – 15 and 19 – 24.

___Day 123 **Complete** DIVE Lesson 98 or read Lesson 98 (pp560 – 564).
Do Problem Set 98 (pp564 – 565) #9 – 27.