



Class Name: Saxon Algebra 2
Block 5 (1:30-2:25)
Fall & Spring 2022-23

Tutor: Jenny Dixon
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Grade Level: 9th - 12th

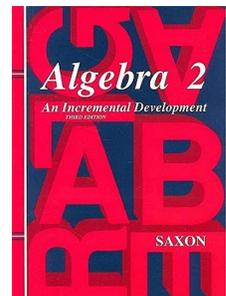
Course Description: Saxon Algebra 2 is the completion of algebra. This course covers uniform motion, chemistry-related problems, simultaneous equations with 2 and 3 variables, non-linear equations, geometry, right-triangle trigonometry, conversion from rectangular to polar coordinates, addition of vectors, complex numbers, quadratic formulas, and much more.

What to Expect: Students can expect about 1 hour of homework daily. **Students should grade their work and correct their errors daily. The best learning takes place when we correct our errors. This is a crucial step to gaining a full understanding of the material.** The answers to the odd problems are located in the back of the book. The few even problems that are assigned will need to be graded by a parent. In addition to class instructional time, I provide videos with instruction and extra practice problems for the student to view online at SchoolTube. **Access to the internet and a SchoolTube account will be required.** Please feel free to email or text me any additional questions during the week.

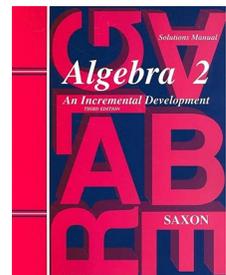
Prerequisites: Successful completion of the previous Saxon Math Class or Placement in Saxon Algebra 2 via the placement test in the link below or a similar Saxon placement test. Text or email me pictures of your child's placement test grade and work for approval.
<https://www.sonlight.com/homeschool/curriculum/placement-tests/saxon-placement-tests/>

Curriculum/Textbook:

Saxon Algebra 2, Third Edition: ISBN-13: 978-1565771406.
ISBN-10: 9781565771406
Saxon Algebra 2, Third Edition, Solution Manual ISBN-10: 1565771435
ISBN-13: 978-1565771437 *(It is not recommended that the students have access to this book however, it can be a great tool for the parents when helping with homework.)*



Supplies Required: Textbook and Solution Manual listed above, as well as an inch/centimeter ruler, protractor, compass, scissor, notebook paper, graph paper, and graphing calculator. *(When purchasing a graphing calculator, make sure it is approved for the ACT and SAT. Also, used graphing calculators are readily available on Facebook Marketplace.)*



- **Monthly class cost:** \$10.00 per week
- **Materials Fee:** \$30.00 (per semester)

Minimum # of students: 5

Maximum # of students: 16