



**Class Name: Saxon Algebra 2**  
Block 5 (1:35-2:30)  
Fall & Spring 2024-25

**Tutor:** Jenny Dixon

**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 an hour to an hour and a half of homework daily. **Students should have their work graded and correct their errors daily before moving onto the next lesson. The best learning takes place when we correct our errors. This is a crucial step to gaining a full understanding of the material.** In addition to class instructional time, I provide videos with extra practice problems for the student to view on an unlisted YouTube channel. If your child is still struggling with a problem after viewing the provided video for that lesson, please feel free to email or text me.

**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/>

**Textbooks Required:**

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, scissors, notebook paper, graph paper, and scientific calculator or graphing calculator. I recommend Texas-Instruments TI-30XIIS for an affordable scientific calculator. If you purchase a graphing calculator, make sure it is approved for the ACT and SAT. Buying used books and calculators is a great way to save money. Check Facebook marketplace or other buy/sell sites to find used books.

**Materials fee:** \$25.00 per semester (this includes access to the videos for each lesson)

**Maximum # of students:** 15

**Minimum # of students:** 5