



Class Name: Saxon Algebra1
Block 4 (12:35-1:30)
Fall & Spring 2024-25

Tutor: Jenny Dixon

Grade Level: 8th-11th

Course Description: Students will develop the understanding they need to resolve more complex problems and functions with this step-by-step course. Covers topics including signed numbers, exponents, and roots; absolute value; equations and inequalities; scientific notations; unit conversions; polynomials; graphs; factoring; quadratic equations; direct and inverse variations; exponential growth; statistics; and probability.

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 Algebra1 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 1, Third Edition ISBN:10 - 1565771346 ISBN:13 - 9781565771345
Saxon Algebra 1, Third Edition, Solution Manual
ISBN:10 - 1565771370 ISBN:13 - 9781565771376

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