



**Tutor:** Jenny Dixon

**Class Name:** Saxon Algebra 1

**Grade Levels:** Grades 8-11

**Class Description:** Saxon Algebra 1 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:**

Placement test: <https://www.sonlight.com/homeschool/curriculum/placement-tests/saxon-placement-tests/> Please monitor your student while they are taking the placement test, and email test results to [jennyjdixon@gmail.com](mailto:jennyjdixon@gmail.com)

Or completion of Algebra 1/2 class with a C or better with me as their instructor.

**Textbook/Author/Publisher:**

Saxon Algebra 1, Third Edition ISBN 1565771346

Saxon Algebra 1, Third Edition, Solution Manual ISBN 1565771370

Students should not have access to the solution manual, it is for parents use only.

**Supplies Required:**

ruler, protractor, compass, notebook and graph paper, scientific calculator

**Materials/Lab Fee:** \$25/semester

**Step Up:** YES