

Saxon

Algebra 1, Geometry, and Algebra 2

Overview

The regular lesson plan format of the **Saxon** Algebra 1, Geometry, and Algebra 2 series allows students to become comfortable with the lesson and to know what to expect each day. Instruction for each lesson is dialogued within the student textbook and written directly to the student. The focus of each lesson is on developing an understanding of how and why math works with an emphasis on higher mathematical thinking.

Because of its highly structured and predictable format, Saxon Algebra 1, Geometry, and Algebra 2 provide an excellent opportunity to observe and analyze instructional techniques.

Lessons are divided into three sections:

- Warm Up
- New Concepts and Lesson Practice
- Practice

1. Warm Up

Starting the class period with the Warm Up helps get students organized and on task, setting the tone for a productive class period. The Warm Up provides practice and review of the prerequisite skills and vocabulary necessary to understand the material that will be presented in the New Concept.

2. New Concepts and Lesson Practice

Each day the New Concept introduces a new topic through clear explanations and examples that build in depth and use a variety of methods and real-world applications. The strategies and math vocabulary help students understand how and why the math works. Lesson Practice problems covering the new increment follow the example problems. The Lesson Practice problems are an essential component of the daily learning. Students should work all of these practice problems before beginning the rest of the day's assignment.

3. Practice

The 30 problems in the Practice provide opportunities for students to practice skills and concepts previously presented. Each day all of the problems in the Practice should be assigned and completed by the student. It is essential for students to maintain a high level of achievement (at least 80% correct) on the daily practice sets in order to ensure successful progress through the program. Students should begin with the more difficult problems (those with asterisks) while in class where help is readily available. The portion of the Practice not completed in class becomes the homework for that evening.