

## **Mathematics**

### **Saxon Math**

Saxon math is taught until pre-Algebra. The Saxon approach to math instruction is incremental, and each new concept is continuously reviewed. Daily instruction includes gradual introduction of new concepts and practice and repetition of earlier concepts with continual feedback and testing. This circular approach to mathematic instruction assures that learning has time to sink in and take root as opposed to the traditional unit approach to instruction in which a concept is introduced, practiced and then left behind. Each new concept is gradually introduced and then reinforced throughout the curriculum, without being set aside, discarded or forgotten. Students like Saxon math because they feel successful instead of overwhelmed by too much new information. For more on Saxon Math, visit the website: <http://saxonpublishers.harcourtachieve.com>

### **Pearson Math**

Algebra I, Geometry, and Algebra II students use Prentice Hall textbooks from Pearson. This series incorporates the groundbreaking *Understanding by Design* framework. UbD changes the way many students approach math by introducing them first to the Big Idea of the chapter while developing understanding around essential questions. At the end of each chapter students are given the opportunity to demonstrate their understanding when they apply reasoning strategies as independent problem solvers. Poweralgebra.com and Powergeometry.com are linked to the textbooks and offer key support to enhance student performance with interactive online helps including visual and auditory aids. Pearson math develops student reasoning, sense-making, and problem solving. Form more on Pearson Math, visit the website: <http://www.pearsonschool.com>