



Math Curriculum

Grades K-8:



Saxon Math from Saxon Publishers, Inc.

St. James the Greater School uses the **Saxon Math** curriculum. **Saxon Math** is one of the nation's most thoroughly researched core mathematics programs for grades K-8. **Saxon Math** uses an "incremental approach". This means that concepts are divided into smaller, more easily grasped pieces called increments. A new increment is presented each day and students work on a section of problems involving this new material. The remaining homework consists of practice problems involving concepts previously introduced. Thus, every assignment is a cumulative review of all material covered up to that point.

Saxon Math Primary - Hands-on Approach with a Difference!

All new concepts are developed through hands-on activities and rich mathematical conversations that actively engage students in the learning process. Concepts are developed, reviewed, and practiced over time. Students move from the concrete to the pictorial to the abstract. Students work from consumable worksheets that are purchased/updated on a yearly basis.

Saxon Math Intermediate – Grades 3-5*

- Daily lesson structure with continual practice and assessment
- Builds foundational concepts and critical thinking skills
- Real World Problem Solving and Applications
- Students communicate mathematically

Students in 3rd grade continue to work from consumable worksheets. Students in grades 4 & 5 work from a regular textbook.

Saxon Math Middle – Grades 6, 7, and 8*

Helps students master the grade level standards by:

- Giving students time to learn and practice skills throughout the year
- Developing higher order thinking
- Helping students to become more confident problem solvers
- Focusing directly on math and eliminating distracters
- Integrating manipulatives for hands-on learning experiences

Students in grades 6-8 work from a regular textbook.

*2012-13 Forecast:

The math curriculum for grades 4-8 is currently under review. Plans are in place **either** to replace the Saxon Math curriculum for grades 4-8 **or** to purchase the newest versions of the Saxon Math textbook for these grades. In addition, *Simple Solutions for Math* from Bright Ideas Press is being investigated for placement in certain grades. *Simple Solutions* products supplement the curriculum by providing daily distributed practice. This practice allows students to regularly and systematically revisit material that has been introduced by the classroom teacher. *Simple Solutions* is easy to implement, and the routine takes just minutes a day. You can learn all about the *Simple Solutions* by visiting: <http://www.simplesolutions.org/whyitworks/>