

PARKWAY CHRISTIAN SCHOOL

MATH CURRICULUM (MS)

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Math 76 is a Saxon arithmetic class. Educators design this course to strengthen students' skills in order to build a solid foundation in basic functions of arithmetic. The course covers fundamental math operations, such as solving for a missing number and working with decimal numbers and fractions. Saxon Math is an incremental system that adds new skills each day. Teachers present all mathematical concepts from a Biblical Worldview perspective while meeting the framework of the Common Core Standards.

Textbooks

- ▶ *Math 76*

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This course acts as a prerequisite for a Pre-Algebra class and aims to create a firm foundation that will prepare the students for the Pre-Algebra course the following year. The Saxon Math program reinforces the students' understanding and practice of foundational arithmetic and early geometry while introducing algebraic concepts. Educators present all mathematical concepts from a Biblical Worldview while meeting the framework of the Common Core standards.

Textbooks

- ▶ *Math 87*

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The Pre-Algebra course focuses on introductory algebra topics in order to provide students with the foundation in Algebra, Geometry, and problem solving that they will need in the advanced courses. Educators design the course to facilitate the students' transition from the concrete concepts of arithmetic to the abstract concepts of algebra. Teachers present all mathematics from a Biblical Worldview perspective while meeting the framework of the Common Core Standards.

Textbooks

- ▶ *Pre-Algebra*

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The Honors Pre-Algebra course focuses on Introductory Algebra topics. Teachers design this class to facilitate students' transition from the concrete concepts of arithmetic to the abstract concepts of algebra. As an honors course, the class moves at an accelerated pace with a strong emphasis on algebraic processes and concepts. Teachers present all mathematical concepts from a Biblical Worldview perspective while meeting the framework of the Common Core Standards.

Textbooks

- ▶ *Algebra ½ Third Edition*

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Educators organize the content of Algebra 1 around families of functions, placing special emphasis on linear and quadratic functions. As students learn about each family of functions, they will learn to represent them in multiple ways: verbal descriptions, equations, tables, and graphs. Students will also learn to model real-world situations using functions in order to solve problems arising from those situations. Students in the honors level course move at an accelerated pace and with greater conceptual depth. Teachers present all mathematical concepts from a Biblical Worldview perspective while meeting the framework of the Common Core Standards.

Textbooks

- ▶ *Algebra ½ Third Edition*