

PRE-ALGEBRA

Mrs. Vivian Kaepfel

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If your student has completed elementary-level mathematics, but is not quite ready to plunge headlong into the study of Algebra, perhaps this course is just the right fit. In this class, we will review the four operations of mathematics; revisit integers and their combinations; develop fluency with fractions and their equivalents (decimals and percentages); drill down into word problems and order of operations; reconsider the relationship of ratios, proportions, and probability; examine surface area, area, and volume; note scientific notation; and even dabble in simple and compound interest calculation. In sum, we will do many types of exercises which will increase the students' facility with numbers, their confidence with math skills, and the likelihood of their success in future math and scientific studies.

REQUIRED TEXT & MATERIALS

The textbook for the Pre-Algebra course is Saxon's *Algebra 1/2: An Incremental Development*, 3rd edition. Each student should have a copy of the text, as well as a copy of the *Homeschool Packet for Algebra 1/2 3rd Ed.* In addition, it is advised to have a copy of the Test Forms for the curriculum, if at all practicable. Each student should also have a notebook and folder for notes and handouts given during class, and a pen/pencil to write notes, future assignments, and complete in-class problem sets.

FEES & CONTACT INFO

The cost for the course is \$50/month, with a \$25/year supply fee. The supply fee is non-refundable. There is a discount for advanced payment for the year or for the semesters (in August & December). Should you have any questions about the class or its contents, please feel free to contact Mrs. Kaepfel at her email address: vkaepfel@gmail.com.