**HIGH SCHOOL**

 **COURSE DESCRIPTION**

 **Student's Name:**

 **Grade:** **Credits:** 10 **Semester Course:**

 **Full Year Course:** X

 **Start Date:** **End Date:**

 **Course Title:** Algebra 1

 **Course Description**

 Algebra 1 at PFA utilizes the textbook by Saxon Publishers. There are more than 120 lessons with

 30 tests and the style of curriculum is referred to as a spiral review approach. Each new concept is

 revisited in the sequential problem sets at least 4 or 5 more times with greater complexity over the

 span of practice. When a student completes the course they will have learned and practiced all the

 necessary concepts of an Algebra 1 course and have been introduced to some concepts in basic

 Geometry. Included in new learning will be polynomial identification and manipulation, word

 problems, algebraic rational expressions and equations, basic statistics and much more.

 The prerequisite to this course is completion of a pre-algebra course whereby a student has solid

 knowledge of the operations as applied to various forms of Real numbers (integers, fractions,

 decimal numbers etc). Also necessary is an introduction to the use of letters as unknowns, simple

 rate problems and the ability to work percent problems.

 **Curriculum**

 Algebra 1 - An Incremental Development, 3rd Edition

 Saxon, John H. Jr.