

Name: _____

Pre-Algebra

Miss Vowles/Mrs. Bond

Course Syllabus

Essential Questions:

1. Why should we study pre-algebra?
2. Why do we have algebra?
3. How should we, through a Christian worldview, study pre-algebra?
4. Which approach to studying pre-algebra should we take?

Goals:

1. The student will study mathematics as a reflection of God's orderly design of the universe.
2. The student will understand the truths of mathematics through the study of algebra and its rules.
3. The student will apply their understanding of mathematics to the real world by solving real-life problems.
4. The student will apply the principles of logic and sound reasoning to the study of pre-algebra.
5. The student will learn to solve mathematical problems using the symbols and rules of pre-algebra.

Grade Breakdown:

45% Tests/Quizzes

40% Homework

15% Class Participation

Text:

Mathematics Intermediate Course B. Purposeful Design Publications. 2004.

Topics to be covered:

Basic Algebra
Integers
Statistics and Probability
Rational Numbers
Ratio, Proportion, and Percent
Equations and Inequalities (including linear)
Basic Geometry
Polynomials