



Fundamentals of Algebra

(Resource Room)

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Text: Pre Algebra

Author: Siegfried Haenicsh

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Supplies Needed: Notebook, pencils (no pens), calculator

Course Description: This course will teach the basic concepts of mathematics and introduce algebra concepts in a step-by-step approach and meets the standards set forth in the Maine Learning Results and the National Council of Teachers of Mathematics. This course is geared for students who learn in many different ways. Emphasis is placed on instruction that uses a variety of modalities to promote concept mastery. It is understood that students will learn at a different pace and that instruction will be based on individual needs and programming goals. This course fulfills 1 credit of the Math graduation requirement.

Course Expectations:

- All students will be prepared with a notebook to take notes as directed as well as a pencil and calculator. These items are the responsibility of the student and will not be provided.
- Assignments will be turned in on time, unless student has an excused absence.
- Make-up work is the responsibility of the student. Student Handbook policies will be applied.

Grading Policy:	Notebook	10%
	Daily Work	50%
	Tests/Assessments	40%

Curriculum:

Quarter 1 August through November

- Chapter 1 Algebra and Whole Numbers
- Chapter 2 Using Decimals
- Chapter 3 Number Theory

Quarter 2 November through January

- Chapter 4 Rational Numbers and Fractions
- Chapter 5 Basic Operations and Rational Numbers

Quarter 3 January through April

- Chapter 6 Ratios, Proportions and Percents
- Chapter 7 Integers

Quarter 4 April through June

- Chapter 8 Exponents, Square Roots, Pythagorean Theorem
- Chapter 12 Data, Statistics, and Probability