PIONEERS Co-Op

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Lead The Way
PIONEERS

Overview of
BASIC MATH
(Grades 6-8)

Tutor: Mrs. Katrina Bradley
517-358-8473
bbemyloves@gmail.com

Required Curriculum:

Intermediate Mathematics Student Book/Work-Text (Abeka Item # 294012)
Intermediate Mathematics Solution Key (Abeka Item # 294047)

Parent/student corrects work & checks completion daily

Supplies:

- Pencils, eraser
- 1 ½" or 2" – 3 ring Binder (no spiral notebooks please)
- About 200 sheets of Lined Paper + some Graph Paper, all 3-hole punched and in Binder
- At least 4 pockets for loose papers in either a Folder (3-whole punched)
- Ruler

Technology: Laptop (sign into Pioneers website); access to cell phone for communication

Class Description: This work-text gives a strong review of all arithmetic concepts and skills that focus on basic algebra, giving the student the foundation he or she needs to enjoy and succeed in high school algebra. There is a lot of overlap between the two Abeka courses listed on PIONEERS *Class Descriptions* — "Basic Mathematics" and "Pre-Algebra." In fact, I believe both courses can fulfill preparation for Algebra. The student who completes Basic Mathematics and feels confident with the material is ready to move to Algebra. The student who needs more practice can get that by taking Pre-Algebra the following year. Homework is turned in each onsite week to help with accountability, checking organization, completeness, neatness, and timeliness.

"Class Preparedness" will be recorded based on student's book, pencils, and homework being brought to class, timeliness, note-taking, and willingness to ask questions and participate in class.

Workbook Units Include:

- Number Basics/Rounding
- Place Value/Fractions
- Decimals
- Ratio and Proportion
- Percent Basics
- Measurements
- Introduction to Algebra
- Properties of Arithmetic
- Introduction to Graphing
- Sequences
- Polynomial Arithmetic
- Dimensional Analysis
- Introduction to Solving Equations
- Pythagorean Rule and Trigonometry

Student Evaluation: Students will receive a percentage grade each semester based upon the following:

Homework	35%
Quiz and Test Average	35%
Semester Exams	20%
Class Preparedness	10%

Grading Scale	
90-100%	=A
80-89%	=B
70-79%	=C
60-69%	=D
Less than 60%	=E