



Pre Algebra Part II 2022 - 2023

This course will continue to build the foundation for your future math and science courses. You will work with the tools of algebra, sharpen algebraic skills, look for patterns and apply these to solving problems. It is my goal to help you feel more comfortable playing with math. This process is always one of taking risks, making mistakes then learning from those errors. A process that I would like to see you embrace.

The content material will be coming from the book *Glencoe Pre-Algebra*.

The Math proficiencies covered in this class are:

- Numeric systems chapters 2, 5
- Operations and algebraic thinking chapters 1, 2, 4, 5,
- Expressions and equations chapters 3, 8
- Ratios and Proportions chapter 6
- Measurement and data chapter 9
- Functions chapters 7, 13
- Geometry chapters 10, 11
- Statistics and Probability chapter 12

Each of these content proficiencies has the same rubric.

The Transferable proficiencies covered in this class are:

- 3 DESIGN: Demonstrate Creativity in Problem-Solving and Design
 - E) Use and develop models
- 5 SELF-DIRECT: Take Responsibility for Learning and Growth
 - C) Take Initiative and Responsibility for learning: homework completion
 - X) Engage with learning: HEART

Each of these transferable proficiencies has an individual rubric.

Formative assessments are forms of practice with feedback but will not be “graded”. It is an opportunity to know how you are doing with the content. Summative assessments are forms of showing what you know about the content and will be “graded” covering one or more of the proficiencies stated above.

Homework will be assigned daily giving students an opportunity to practice the lesson of the day. It shouldn't require more than 20 - 30 minutes to complete unless it is a long-term assignment. All these assignments will be formative with a single reflective summative assessment for each trimester. Students are free to call, text or email me if there are questions about the work.

Contact information, which can also be found on blackbaud's bulletin under the prealgebra heading:

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