



DALLASTOWN AREA SCHOOL DISTRICT

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High School Mathematics Department

9/13/2012

Dear Parents and Guardians,

As your child's Algebra I Part A teacher, I would like to inform you of the upcoming unit of study and the objectives we will be covering. For, approximately, the next 2 weeks, we will be studying Graphing Points and Examining Linear Equations. The following objectives will need to be met with 80% proficiency in order for your child to advance to the enrichment activities within this unit:

- Define linear equation, independent variable, dependent variable, negative correlation, positive correlation, scatter plot, line of best fit, coordinate plane, x-axis, and y-axis (1.4, 1.5 & 1.6)
- Plot points and lines on a coordinate plane (1.4)
- Represent linear patterns with equations (1.5)
- Represent linear equations with graphs (1.5)
- Create a scatter plot (1.6)
- Find the line of best fit (1.6)
- Write an equation to model and predict based off the line of best fit (1.6)

Knowing and understanding the objectives at the beginning of a unit will be an asset to your child's mathematical growth and achievement. Please discuss with your child the importance of mastering these objectives in order to be successful both now and in the future. Thank you for working with me and your child to make this a successful unit.

Sincerely,

Mrs. Joy Reustle

Mathematics Teacher

Dallastown High School