



DALLASTOWN AREA SCHOOL DISTRICT

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High School Mathematics Department

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 From Patterns to Algebra. 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:

1. Define number sequence, constant difference, term, variable, expression, and equation (1.1 & 1.2)
2. Use differences to identify patterns and make predictions in number sequences (1.1)
3. Use variables to represent unknown quantities including real world situations (1.2)
4. Evaluate expressions using the algebraic order of operations (1.3)
5. Substitute values into algebraic expressions (1.3)
6. Express large and small numbers in scientific notation (8.5)
7. Express numbers from scientific notation to standard notation (8.5)

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.

PLEASE NOTE: Starting marking period 1, Study Island will be assigned to students. This can be completed in school during extension periods or at home. Study Island will count as 15% of their marking period grade.

Sincerely,

Mathematics Teacher

Dallastown High School