



# DALLASTOWN AREA SCHOOL DISTRICT

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*High School Mathematics Department*

3/8/2012

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 Exponents. 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 exponents, powers, base, coefficient, degree & monomial (throughout the objectives below)
2. Simplify exponents using the Product-of-Powers Property (8.1)
3. Simplify exponents using the Power-of-a-Power Property (8.2)
4. Simplify exponents using the Power-of-a-Product Property (8.2)
5. Simplify exponents using the Quotient-of-Powers Property (8.3)
6. Simplify exponents using the Power-of-a-Quotient Property (8.3)
7. Simplify exponents using the Zero Exponent Property (8.4)
8. Simplify exponents using the Negative Exponent Property (8.4)
9. Simplify exponents using multiple properties (8.1 to 8.4)

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