



DALLASTOWN AREA SCHOOL DISTRICT

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High School Mathematics Department

February 22, 2013

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 Probability. 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:

- Objective 1 (throughout the objectives below) – Define theoretical probability, favorable outcome, experimental probability, compound events, sample space, Venn diagram, intersection, addition of probabilities principle, and independent events
- Objective 2 (4.3) – Find the experimental probability that an event will occur
- Objective 3 (13.1) – Find the theoretical probability that an event will occur
- Objective 4 (13.1) – Find the sample space of an experiment
- Objective 5 (13.2) – Find the union and intersection of events
- Objective 6 (13.2) – Apply the addition of probabilities principle
- Objective 7 (13.4) – Find the probability of independent events
- Objective 8 (see student notes) – Find the probability for compound events

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,

Mr. Randy Chilcoat

Mathematics Teacher

Dallastown High School