



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 Measures of Central Tendencies. 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 (covered throughout the objectives below) – Define mean, median, mode, range, stem-and-leaf plot, histogram, and box-and-whisker plot
- Objective 2 (4.4) – Find the mean of a set of data
- Objective 3 (4.4) – Find the mode of a set of data
- Objective 4 (4.4) – Find the median of a set of data
- Objective 5 (4.4) – Represent data using frequency tables
- Objective 6 (4.5) – Interpret line graphs
- Objective 7 (4.5) – Interpret bar graphs
- Objective 8 (4.5) – Interpret circle graphs
- Objective 9 (4.5) – Represent data using circle graphs
- Objective 10 (4.6) – Interpret Stem-and-leaf plots
- Objective 11(4.6) – Interpret histograms
- Objective 12 (4.6) – Interpret box-and-whisker plots
- Objective 13 (4.6) – Represent data with stem-and-leaf plots
- Objective 14 (4.6) – Represent data with histograms
- Objective 15 (4.6) – Represent data with box-and-whisker plots

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