

## Student Performance Objective #2

By the year 2022, the students of Mount Saint Dominic Academy will demonstrate improved proficiency in basic math skills required to achieve competence in the areas of Algebra I, Geometry, and Algebra II as measured by:

- a. An increase of 10 percentage points in the number of students scoring proficient (70%) on the basic skills math test (Diagnostic Test by Holt, Rhinehart and Winston)

Baseline year: Fall of 2014

Baseline data: 72% of the ninth grade students scored proficient (70 % or higher) on the math basic skills test for the class of 2018 given in the fall of ninth grade. The test will be given again in the fall of 10<sup>th</sup> and 11<sup>th</sup> grades to measure progress.

- b. An increase of 5 percentage points in the number of students scoring in the 50<sup>th</sup> percentile or higher on the PSAT math test.

Baseline year: Fall of 2013

Baseline data: 65% of the class of 2016 scored in the fiftieth percentile or higher on the PSAT math section administered in the tenth grade. (PSAT will be administered to the class of 2016 in the fall of 2014 to measure progress and use as baseline data. In subsequent years, the data will be measured from the PSAT administered in the 10<sup>th</sup> grade with the PSAT administered to the same class year in the 11<sup>th</sup> grade.)

- c. A third form of evaluation is being researched which will measure progress in the students' mastery of basic skills as they are applied in the specific areas of Algebra I, Geometry, and Algebra II. The math teachers will develop a pilot test for these three areas of math using *Kuta* software to generate these tests.

There will be six different tests: Algebra I and Algebra I Honors, Geometry and Geometry Honors, and Algebra II and Algebra II Honors.

They math teachers will use the school year of 2014-15 to formulate these assessments.

The baseline test will be administered at the beginning of each of these courses beginning in the fall of the 2015-2016 school year.