



Northampton Area School District

Curriculum Office

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January 28, 2019

Dear Parents,

The Northampton Area Middle School offers a variety of math courses for students. It is important that students are placed in a math course that is developmentally appropriate but challenges each student academically. More specific information regarding the math placement process can be found in the video presentation mentioned below.

MS Math Placement Video Presentation

To access the video click on this link: <https://youtu.be/Mc3AoxOpJi4>

As a part of the criteria to place students in the appropriate math courses for the 2019-2020 school year, the District will administer the *Math Inventory (MI)* assessment. The *Math Inventory* is a research-based, adaptive math assessment that measures math abilities and longitudinal progress from Kindergarten through Algebra II. The online assessment takes approximately 40 minutes and is administered in a group setting.

The students will complete the *MI* twice. The first time will allow the students to get experience taking the assessment and to expose them to the online platform on which the test is administered. The first administration of the *MI* will be between the dates of February 4, 2019, and February 8, 2019. The second time students take the *MI*, the score will be used as one of the criteria of the math placement process. The second administration of the *MI* will occur between the dates of March 5, 2019, and March 9, 2019.

It is very important that students take this assessment seriously and try their best on each question. Our goal is to place students in a math course that will set each student up for success in future mathematics studies.

Your student's placement rubric information and seventh grade math placement will be mailed to you by July 1, 2019.

If you have any questions concerning the administration of the *MI* or the math placement process, please contact me at schoenem@nasdschools.org or 610-262-7811 ext. 20031.

Sincerely,

A handwritten signature in black ink that reads "Michelle L. Schoeneberger".

Michelle Schoeneberger
K-12 Math and Science Supervisor

Grade 6th to 7th: MATH PLACEMENT RUBRIC

MEASURE	Description	WEIGHT	DATA	CALCULATION
Mid-Year Cumulative Topic Assessment	<i>Common middle of year assessment given to every sixth grade student. The assessment aligns to the sixth grade curriculum that has been taught up until the start of the second semester.</i>	10%	4 pts. ---- 95-100% 3 pts. ---- 89-94% 2 pts. ---- 75-88% 1 pt. ---- 65-74% 0 pts. ---- 0-64%	Points X .10
Topic Assessments Average	<i>Common end-of-unit assessments given to every sixth grade student regardless of math level. These assessments are aligned to the sixth grade curriculum and the PA Core Standards.</i>	30%	4 pts. ---- 95-100% 3 pts. ---- 89-94% 2 pts. ---- 75-88% 1 pt. ---- 65-74% 0 pts. ---- 0-64%	Points X .30
Math Inventory (MI)	<i>Adaptive assessment used to determine the student's readiness to succeed with math instruction from kindergarten through Algebra II.</i>	30%	4 pts – 1130 and up 3 pts – 1030 – 1125 2 pts – 870 – 1030 1 pt – 705 – 865 0 pts – 700 and lower	Points X .30
PSSA PVAAS Projection	<i>PVAAS is a statistical analysis of PSSA assessment data. An achievement projection is determined by current achievement/results compared to all prior achievement/results with achievement being measured by a quality assessment such as the PSSA.</i>	30%	4 pts.---80%-100% prob. of prof. 3 pts.---60%-79% prob. of prof. 2 pts.---30%-59% prob. of prof. 1 pt. ----0%-29% prob. of prof.	Points X .30
Total Points		100%		**SUM OF WEIGHTED VALUES

Students with a total of **3.10 – 4.00 points will be placed in **ALGEBRA I**.
Students with a total of **3.09 or less** points will be placed in **MATH 7**