

Murray Hill Middle School
SY 2016-17
Team Improvement Plan - Math

Murray Hill Middle will provide a rigorous learning environment that engages and supports each student.

Needs Assessment: Learning Achievement Data



assessments (End-of-Unit)

The HCPSS established benchmark scores for the Spring administration of MAP, 41% of the sixth grade, 10.5% of the seventh grade, and 3% of the eighth grade students met with success. As the grade levels increase, the number of students participating in the assessment declines, since students in Algebra 1 and Geometry do not take the MAP. The math team determined that students were struggling with common assessments, completing math tasks and determining if students would benefit from a seminar intervention. The math team wants to boost students ability to recall previously learned skills when seen out of context of a math class.

	<i>Strategies/Activities</i>	<i>Milestones</i>	<i>Evaluation</i>
2017, all students will show growth in math as measured by MAP	<ol style="list-style-type: none"> Math Seminar Class (A/B Day Schedule): Students who fall approximately 	<ol style="list-style-type: none"> Referrals generated by math teachers, parents and fall and winter MAP scores. 	<ul style="list-style-type: none"> Fall, winter, and spring MAP scores Seminar Exit

20 points below HCPSS MAP Math Benchmark Scores and students recommended for consideration by their math teacher will be considered for participation in Math Seminar. (Math teachers, MIST, Seminar Teacher)

2. Common Assessments:

Partner teachers will work collaboratively to develop common assessments that reflect the common core standards.

3. Math Tasks:

Teachers will develop and implement math tasks in their classes. The tasks will enhance students' problem solving skills and ability to participate in mathematical discourse.

4. MAP Test Results:

2. 100% of Math teachers will provide artifacts that demonstrate the development of common assessments and common rubrics for scoring the assessments throughout the school year.

3. 100% of Math teachers will provide artifacts that show the use of math tasks with their students.

- a. Teachers will collaborate with grade level content partner to analyze MAP test results and corresponding Descartes tables in order to identify areas of need for future instruction.
- b. Teachers will collaborate with their grade level team to analyze MAP test results and identify students who may be in need of academic intervention or accelerated instruction.
- c. Teachers will analyze MAP class reports in order to create appropriate instructional groups and differentiated instruction within classes.

4a. After each administration of MAP, teachers will analyze test results of students to determine what instructional shifts may need to occur.

4b. Through PIP time and team meetings following fall, winter, and spring MAP administrations

4c. After each administration of MAP, teachers will analyze class reports to determine how students could be grouped to optimize learning.

