



# Mendham Township Middle School

16 Washington Valley Road, Brookside, N.J. 07926

## 2007-2008 QAAR OBJECTIVES

### **Building Objective # 1:**

By the end of June 2008, due to the facilitation of a focused technology intervention in mathematics, which utilizes the TI-84 Silver Edition graphing calculator, 90% of the total population of 7<sup>th</sup> and 8<sup>th</sup> graders will demonstrate proficiency performing an extensive list of pertinent algorithms by scoring at least 85% on a teacher made post-tests. Additionally, a pre / post calculator proficiency growth score will be correlated to problem solving growth scores on the NJASK 6 to NJASK 7 and NJASK7 to GEPA respectively in order to determine the possible effects of graphing calculators on a student's ability to effectively and efficiently 'problem solve'.

### **Building Objective #2:**

By the end of June 2008, due to increased professional development; implementation of a more rigorous, research based writing curriculum; and the teaming of language arts and social studies teachers, there will be discernible growth in the analytical writing scores of students in grade 5-8 on a school-wide pre/post writing assessment, as evaluated by the New Jersey Holistic Writing Scoring Rubric.

Analytical writing pre and post- assessments will be administered to all students in grades 5-7 in the fall of 2006 and the spring of 2007. Analytical writing pre and post- assessments will again be administered to these same students in grades 6-8 in the fall of 2007 and the spring of 2008. Using the NJ Holistic Writing Scoring Rubric, all students' performance levels will be recorded.

By the spring of 2007, the following growth will be attained:

- ✓ 10% of all 5<sup>th</sup> grade students who scored in the "inadequate command" performance rank in the fall of 2006 will increase (at minimum) one performance level and score in the "limited command" level or above by the spring of 2007.
- ✓ 10% of all 6<sup>th</sup> grade students who scored in the "limited command" performance level in the fall of 2006 will increase (at minimum) one performance level and score in the "partial command" level or above by the spring of 2007.
- ✓ 10% of all 7<sup>th</sup> students who scored in the "partial command" performance level or below in the fall of 2006 will increase (at minimum) one performance level and score in the "adequate command" level or above by the spring of 2007.

By the spring of 2008, the following growth will be attained:

- ✓ 10% of all 6<sup>th</sup> grade students who scored in the "limited command" performance rank in the fall of 2007 will increase (at minimum) one performance level and score in the "partial command" level or above by the spring of 2008.
- ✓ 10% of all 7<sup>th</sup> grade students who scored in the "partial command" performance level in the fall of 2007 will increase (at minimum) one performance level and score in the "adequate command" level or above by the spring of 2008.
- ✓ 10% of all 8<sup>th</sup> grade students who scored in the "adequate command" performance level or below in the fall of 2007 will increase (at minimum) one performance level and score in the "strong command" level or above by the spring of 2008.