

# Goal 1: Mathematics Improvement

**Measurable Objective 1:**

A 10% increase of Third, Fourth and Fifth grade students will demonstrate a proficiency in the areas of computation and problem solving, in Mathematics by 06/01/2017 as measured by Formative assessments, teacher evaluations and daily checklists. Terra Nova scores will reflect increased proficiency..

**Strategy 1:**

Visual & Graphic Depictions of Problems; Peer Assisted Learning Activities; and Systematic and Explicit Instruction - In visual and graphics depictions of problems, teachers will present graphic depictions of problem solving sets with multiple examples and have students practice using their own graphic organizers with specific guidance by the teacher.

In peer assisted learning, students are grouped with diverse academic needs allowing for discussion, encouragement and feedback. This in turn aids students to solve more complex problems with assistance from other students.

With systematic and explicit instruction, teachers demonstrate a specific plan for computation and solving problems. The emphasis is placed on providing highly explicit models of steps and procedures. Students use this plan to compute and think their way through a solution.

Research Cited: National Council of Teachers of Mathematics, "Effective Strategies for Teaching Students with Difficulties in Mathematics" by Russell Gersten and Benjamin S. Clark

**Activities:**

Activity - Teacher Training on Math Strategies	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional workshops, on line webinars and peer mentoring	Professional Learning	06/01/2014	06/01/2017	\$0	Other	Math chairperson and math teachers of grades 3, 4 and 5

## Progress Notes

Type	Name	Status	Comments	Created On	Created By
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