

School Improvement Plan: Math

Goals: 100% of our students will earn an achievement level of 3, 4 or 5 on the 2011 FCAT math. (87%)
90% of our student will demonstrate learning gains. (78% in 2011)
90% of our students in the lowest 25% will demonstrate learning gains. (73%)
90% of the students from the black subgroup will demonstrate learning gains. (66%)
90% of the students from the economically disadvantaged subgroup will demonstrate learning gains. (74%)

Barriers

Strategies

A rigorous and cohesive curriculum with a global, real-world focus



Teachers will incorporate inquiry learning and technology to enhance the student-centered approach with real world problems

Assessment often differs from teacher to teacher



Teachers will create pre- & post-summative assessments as a group, common planning period

Students have difficulty transferring from concrete to abstract thinking



Teachers will incorporate kinesthetic activities, virtual manipulatives, and interactive web-based activities enabling students to discuss ideas and thinking with others

Students need help reading and comprehending material in math



Teachers will incorporate reading strategies in math-Scholastic Math magazines

Teachers lack time to analyze data in order to identify strengths and weaknesses of their students



Teacher will collect and analyze student data in Professional Learning Communities, during common planning time and vertical planning days

Low performing students need remedial support structures



Teachers will instruct struggling students after school hours
Students will receive 90 minutes of math instruction per day

Parent involvement for our low performing students is often low



6th grade Intensive math parent conferences held each semester

Professional Dev.

1. Tech training
2. PLC's
3. IB training

Budget Items

- Magazines
- Extended Learning
- Web-based Subscriptions
- Substitutes- Vertical Planning, 6th Grade Parent Conferences