

ORANGE COUNTY MATH INITIATIVE

A Community Partnership to Elevate Student Math Achievement

ORANGE COUNTY MATH INITIATIVE GRANT APPLICATION

PART 1:

Please fill out this part of the application and attach it to a document with your answers to Part 2. To complete a digital version, download the application at www.mindresearch.net/edu/ocmi.html

The Application Deadline is March 1, 2009.
Applicants will be notified April 15, 2009.

SCHOOL INFORMATION

School Name:		School District Name:	
Principal:		Phone:	
Current Address:			
City:	State:	ZIP Code:	
# of students:	% Free & Reduced Lunch:	% ELL:	Significant Sub-populations:

GRANT PROGRAM REQUIREMENTS

- At the elementary level, the grant program is designed to fund a multi-year implementation of ST Math or ST Math + Music instructional software and training, with a two grade level start-up per year over a 3-year period. At the secondary level, the grant program will fund ST Math: Algebra Readiness instructional software and training. All ST Math materials and training will be provided by the MIND Research Institute as part of the grant program. Schools may purchase additional professional development through the Orange County Department of Education.
- Each school agrees to appoint a Program Administrator at the school site who will be responsible for the implementation of the ST Math program as recommended by MIND Research Institute. This person will oversee implementation, accompany teachers and the principal to the trainings, and serve as the main point of contact between the school and the MIND Research Institute.
- Teachers agree to begin implementation during the first two weeks of the school year. Implementation means using the instructional software program with their students the equivalent of two 45-minute teacher-supervised sessions on the ST Math software per week and making connections in the classroom. Teachers agree to continue the program as recommended by MIND Research Institute.
- If implementing the optional music component, students will receive the equivalent of two 45-minute music sessions per week in year one, and one 45-minute session per week thereafter.
- Prior to each computer session, teachers will commit to reviewing the online reports in order to monitor the progress and performance of their students, assist students that need help, and exercise best efforts to meet the minimum program completion target of 75% for the class.
- Teachers will participate in a one-day training before implementation begins.
- Site and program administrators will participate in a half-day Principal's Institute preceding implementation.
- Participating schools and teachers understand they will be part of a formal effectiveness study of the grant program, with implementing grade randomly assigned, whether at grades 2-3 or 4-5. They agree to allow classroom observation by MIND Research Institute and OCDE research teams and to participate in other limited activities such as interviews, surveys, and focus groups.
- The School and/or District agree to provide digital files of math test score data, including CST and other math assessments administered, for all students at participating schools for the term of implementation, understanding that confidentiality requirements will be respected.
- Each participating school will provide \$3,500 in support fees per year after the first year of implementation for continued use of the program and for program updates and support.
- Continuation of the program beyond year one will be contingent on successfully meeting the implementation guidelines, including program completion, training, and sufficient lab capacity.

GRADES REQUESTED		
Elementary Grades Requested	<input type="checkbox"/> By random assignment, grades 2-3 or 4-5	
-OR- Secondary Program Requested	<input type="checkbox"/> ST Math: Algebra Readiness	<input type="checkbox"/> Algebra Readiness Basal* <small>*Based on approval through district adoption process</small>
Music Requested	<input type="checkbox"/> Yes <input type="checkbox"/> No	

ORANGE COUNTY MATH INITIATIVE GRANT APPLICATION

PART 2:

Please attach a document with your answers to the questions below to Part 1 of this application. To complete a digital version, download the application at www.mindresearch.net/edu/ocmi.html

PROGRAM INFORMATION

A. SCHOOL MATH PROGRAM

Describe your current math program, including all core and supplemental programs being used. Please address the following:

- Programs and publisher(s)
- Instructional pedagogy
- Current intervention strategies
- Current assessment practices, including formative evaluation of student progress
- Ways that teachers collaborate to improve practice

B. MATH PROFICIENCY

1. List your math proficiency scores for the past three years by grade level and subgroup.
2. List your proficiency score targets for the upcoming year by grade level and subgroup (if available).
3. Attach the math portion of your current Single Plan for Student Achievement.

C. PROFESSIONAL PRACTICE

1. Describe your biggest challenge in math instruction for the grades that will participate in this program.
2. List the names and grades of any teachers who have particular strength or interest in math.
3. If you have an instructional coach for math, list some of the current duties. Describe how the coach might support the Math Initiative.
4. Briefly describe the experience teachers in participating grades have in implementing technology-based instructional programs.

D. LAB CAPACITY

1. How many Internet connected computers are there at your school site available to be used 90 minutes per week for this program? Specify if they are in lab or classroom settings and how many labs there are at the school.
2. How many computers in each classroom? What other hardware exists in each classroom?
3. Do you have a lab technician at the school? If not, who supports and maintains the computers throughout the year?
4. What security software do you use on your network?

E. IMPLEMENTATION OF THE MIND RESEARCH INSTITUTE PROGRAM

Complete for elementary grades K-5:

1. In accordance with the design of the Math Initiative effectiveness study, it is recommended that elementary schools begin year one of the program with a two-grade implementation, starting with either grades 2-3 or 4-5, randomly assigned, and moving to all grades in subsequent grant years.

If this is not possible at your school site, please describe how your plan differs and tell why it is important for your program.

2. It is recommended that all classes at a grade level participate in the program.

If this is not possible at your school site, please describe how your plan differs and tell why it is important for your program.

3. Describe how you plan to schedule computer time to ensure students spend the equivalent of two 45-minute teacher-supervised sessions per week on the instructional software, with an annual goal of 30 weeks, or 60 sessions. Include how you might need to reallocate computer time or classroom time currently used for math or other subjects.

4. If you plan to implement the optional music component, describe who will deliver the music instruction, where you plan to deliver the instruction, how you plan to acquire the piano keyboards, and how you will ensure students receive the equivalent of two 45-minute sessions per week for music in the first year, and one 45-minute session in subsequent years.

Complete for middle/high school, grades 6 and up:

1. Describe which classes and/or subsets of students you plan to enroll in the grant program.

2. Describe how you plan to schedule computer time to ensure students spend the equivalent of two teacher-supervised 45-minute sessions per week on the instructional software, including whether or not it is during class time, in addition to class time, or part of a pull out program.

3. Describe who will supervise students while working on the ST Math instructional software, noting that it is required that computer time be supervised by a qualified teacher familiar with the students' needs in math.

Complete for all grades:

1. Describe how the MIND program will help you meet specific challenges you face in your regular classroom instruction, including:

- Differentiating instruction to better meet individual student needs
- Providing hands-on, self-paced practice to help students master our math standards
- Offering language-independent instruction for English Language Learners

2. Describe strategies you will use to regularly monitor student performance and progress on the ST Math instructional software to attain completion goals and provide appropriate intervention, including:

- Regular review of each student's progress to identify needs for intervention
- Review of group progress to identify areas to reinforce with classroom instruction
- Team review of grade level progress to identify specific teaching strategies in need of improvement

3. Briefly describe why you are applying for this grant and how you envision your Math Initiative program supporting the mathematics goals of your Single Plan for Student Achievement and/or any other school math goals.

4. Describe how your school plans to evaluate the effectiveness of the ST Math program in helping you meet your math and professional development goals.

SIGNATURES

Application must be signed by the school Principal, the appointed Site Program Administrator and selected teachers from grades 2-5 who might participate in the program.

TITLE		PRINT NAME	SIGNATURE	DATE
Site Program Administrator				
School Principal				
TITLE	GRADE	PRINT NAME	SIGNATURE	DATE
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				
Teacher				