To: Julie Balatzar, CDE
Enhancing Education Through Technology, Round 3 (EETT3)

From: Michael P. Garofalo, Technology and Media Services Supervisor
Corning Union Elementary School District
530-824-7730 x 3110
mgarofalo@cuesd.tehama.k12.ca.us

Date: September 8, 2005

**Subject: EETT Round 3 Grant Program Modification Request**

Our EETT3 Grant Management Team at the Maywood Middle School attended the EETT3 Conference in Sacramento in early August. We are collaborating with the EAST (Environmental and Spatial Technology) Initiative on this EETT3 Grant for our Maywood School. Our team attended the half-day workshop conducted by EAST in Sacramento in August. Two of our teachers attended the five day training of EAST Facilitator/Teachers in Sacramento in mid-August. We all returned from summer vacations to our school in late August. We held our first full in-house EETT3 grant meeting on 9/7/05.

Based upon our review of the original grant proposal, reading correspondence regarding our program application, making adjustments to meet the EAST requirements, and after reading the many informative documents provided at the EETT3 Conference we have prepared this EETT3 Grand Modification Request. We have also prepared a revised budget for the project based on this new information.

## 1. Target Audience and Teachers

Our original proposal involved 3 teachers serving 150 students ($6^{th}$, $7^{th}$ and $8^{th}$ grades) by the end of the second year (p.2). One of those proposed teachers was not rehired, another teacher reassigned, and a technology instructional assistant reassigned.

After discussion with the school principal and EAST coordinators in early August, we decided it was best to move this project to two interested and highly motivated teachers and expand the number of students served. We have now trained our $7^{th}$ and $8^{th}$ grade science teachers to implement this EAST-EETT3 project and to develop project and discovery based science research and service projects, utilizing advanced EAST technology support and EAST teaching strategies, to enrich and improve the delivery of our curriculum. In 2005-2006 and 2006-2007, we will have these two teachers using EAST-EETT3 resources in six $7^{th}$ grade science classrooms (210 students) and in six $8^{th}$ grade science classrooms (210 students).

We still intend to strive achieve the improvements in student performance on the language arts standards as noted in our EETT3 grant application (p. 5), for $7^{th}$ and $8^{th}$

grade students, as well as prepare our students for the incoming testing on science standards. We will use the EAST model for project based, interdisciplinary, multifaceted, and a service-learning curriculum integrated with advanced technical applications (p. 3) and think this best integrates with our science curriculum.

## 2. Performance Benchmark 1.1 (Program for Students)

We will track progress for this benchmark as follows:

**2005 Starting Benchmark**

We will obtain from our EduSoft database the May, 2005, test scores for 6th grade students in English Language Arts (CST, CAP A Scale Scores for ELA) going into science classes in the 7th grade. We will average the ELA test scores for this category for no less than 150 randomly selected students out of the 210 students moving into the 7th grade science classes of Mrs. Farmer and Mr. Dillon.

**2006 Benchmark Progress Evaluation**

We will obtain from our EduSoft database the May 2006, test scores for 7th grade students in English Language Arts (CST, CAP A Scale Scores for ELA) going into science classes in the 8th grade. We will average the ELA test scores for this category from the same 150 students cited previously. We will compare the averages between the two time periods. Our goal is to see a 2.5% improvement in ELA test score averages for these selected students.

We will obtain from our EduSoft database the May, 2006, test scores for 6th grade students in English Language Arts (CST, CAP A Scale Scores for ELA) going into science classes in the 7th grade. We will average the ELA test scores for this category for no less than 150 randomly selected students (a second group of students) out of the 210 students moving into the 7th grade science classes of Mrs. Farmer and Mr. Dillon.

**2007 Benchmark Progress Evaluation**

We will obtain from our EduSoft database the May 2007, test scores for 7th grade students in English Language Arts (CST, CAP A Scale Scores for ELA) going into science classes in the 8th grade. We will average the ELA test scores for this category from the same 150 students cited previously as belonging to the second control group. We will compare the averages between the two time periods. Our goal is to see a 4.0% improvement in ELA test score averages for this second group of students.

## 3. Performance Benchmark 4.0 (Communication and Collaboration)

**In May 2005, Maywood Middle School had:**
No electronically published student science projects online.
No computer presentations of student science projects at open houses, community or board meetings.
No students attending science conferences.
No webpages produced or websites managed by students.
No science lesson plans or class calendars online.
No science classroom handouts for students or parents online.
No content management systems or interactive science blogs online.
No student produced newsletters, newspaper, or blogs online.
No student produced digital videos, digital photography, or other graphical productions.
No afternoon or evening computer lab access for science students and/or parents.
No student webmaster club.
No science teachers using technology (other than telephone) at school for communication and collaboration among home, school and community.
No science teachers using advanced technology at school to collaborate with others in the science and technology fields.
No community representative on science curriculum development projects.
No information on school website/webpage usage.

**By May 2006, Maywood Middle School will have:**
Science curriculum calendars, assignments, rubrics, and lesson plans online for one science teacher.
Student science/technology presentations in the EAST-EETT3 lab at the Spring Open House in 2006.
Two students attend the EAST conference in Arkansas.
A Maywood Middle School EAST-EETT3 content management system, and technology interest group blogs online at: www.cuesdeett.org.
All science classroom handouts for parents and teachers online.
Two representative technology based projects selected from each classroom online.
An open house in the EAST-EETT3 technology lab once a month on Friday from 2:30-6:30 pm., from March to June 2006.
A student webmaster club with four 7$^{th}$ graders.
An interactive online Parent-Student Science Question of the Week project for one teacher.
Two science teachers using advanced technology (e.g., websites, email, telephone, etc.) for communication and collaboration among home, school and community. [CA4-1; CO = Classroom Observation, PD=Professional Development Plans, LP = Lesson Plans]
Two science teachers using advanced technology at school to collaborate with others in the science and technology fields. [C2-008: PD]
One community representative on science/technology, EAST-EETT3 Project.
Information on website/webpage usage by the community by January 2006.

**By May 2007, Maywood Middle School will have:**
Science curriculum calendars, assignments, and lesson plans online for two science teachers.
Student science/technology presentations in the EAST-EETT3 lab at the Fall 2006 and Spring 2007 Open House.
Eight students attend the EAST conference/workshop in Sacramento.
An expanded Maywood Middle School EAST-EETT3 content management system, and technology interest blogs, and science webpages online at: www.cuesdeett.org.
Three representative technology based projects selected from each classroom placed online in November 2006, and three more in May 2007.
An open house in the EAST-EETT3 technology lab once a month on Friday from 2:30-6:30 pm., from September 2005 – June 2005.
A student webmaster club with six $7^{th}$ graders and three $6^{th}$ graders.
An interactive online Parent-Student Science Question of the Week project.
Three teachers using advanced technology (e.g., websites, email, blogs, CMS, telephone, etc.) for communication and collaboration among home, school and community. [CA4-1]
Two community representatives on science/technology, EAST-EETT3 project.

## 4. Administrative Support

Our EAST-EETT3 Management Team now includes: Bobbi Abold, Maywood School Principal; Janice Farmer, EAST Facilitator and Science Teacher; Steve Dillon, Backup EAST Facilitator and Science Teacher; Dave Messmer, Technology Support CUESD; Jeannie Stout, clerical and technical classified support; Mike Garofalo, part-time Technology and Media Services Supervisor (EAST-EETT3 Project Manager); and one member from the community (p. 7).

## 5. Budget Revision

We have attached the request to modify our budget for the project. The modifications reflect the information from EAST about training and travel, the updated equipment specifications from EAST, and the fact that the total budget was less that the original proposal. The changes are not substantive, and the budget proposed will enable us to accomplish all the proposed goals and benchmark objectives.