

**Central Coast STEM Collaborative
General Meeting
New Tech High
May 20, 2013**

Attendees:

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Amy Shields	ashields@slcusd.org
Tom Stevens	tkstevens@verizon.net

I. Tour of New Tech High

New Tech High staff and two students provided a tour of the facilities/program for all attendees.

II. Opening and Welcome

John Keller welcomed everyone and reviewed the agenda. Everyone introduced himself/herself.

III. Presentations

A. Dan Neff and students presented information about New Tech High and its development; it is one of approximately 138 tech high schools in the country.

It currently has only 9th grade students, with other grade levels being added in one at a time every year. Three components are central to New Tech High: 1) Small school community of no more than 500 students; School Wide Learning Outcomes (content literacy, effective communication, critical thinking, technology literacy, work ethic, collaboration); and 3) Community Pledge.

The students presented a video and PowerPoint; their motto is “Trust-Respect-Responsibility.”

- B. Michael Garrett, SLOCOE – Do the Math! CCSTEM provided a mini-grant to SLOCOE to partially fund the homework help project – Do the Math. Michael provided details of this Tuesday/Thursday math help program. Students e-mail or call a toll-free number for help. This program airs on Channel 19, but can also be accessed on the Internet. This program has been in place in Kern County for about 11 years, but this is the first year it has been implemented in San Luis Obispo County. Michael shared a video of the program that was taped in two schools in Paso Robles.

IV. STEM Event Reports

- A. Balloon Festival – Steve Kliewer shared information about the two Balloon Fest events held for middle and high school students. Approximately 80 students and 35 mentors participated in the Paso Robles event, where students design and execute a scientific experiment using a helium-filled weather balloon
- B. Mini Maker Faire- John Keller provided a summary of this event. CCSTEM provided seed funding to bring the first Mini Maker Faire to San Luis Obispo. This Mini Maker Faire is modeled after the Maker Faire in the Bay Area that approximately 100,000 people attend. Approximately 2000 people attended SLO Mini Maker Faire, and another one is planned for next year; the City of San Luis Obispo has already committed to provide \$4,000 in seed funding.
- C. Pub Science – Dawn Hinchman provided information about the next two Pub Science events and invited attendees to go learn about reptiles and an asteroid-destroying laser, science in a relaxing setting.

V. Open Mic

- A. Walt invited attendees to joint CCSTEM and its activities.
- B. Tom provided information about the upcoming Science Fair at Vandenberg Middle School on May 31 and June 1.
- D. Seth announced the next Family Science Night on May 29th at Mary Van Buren Elementary School.

VI. Collaborate and Connect – John invited attendees to partake of refreshments and collaborate.

VII. Future Events

- A. Pub Science – 5/22 and 6/12
- B. CCSTEM General Meetings – 8/19 and 11/18
- C. CCSTEM Forum – Fall 2013

Rita Delkeskamp and Julie Reil