

Districtwide STEAM Community Outreach

Friday, May 29, 2015

Lompoc High School Cafeteria & Surrounding Area 6 to 8 PM

Design & Engineer



Catapult Prototypes



Testing Foot Stomp Catapult



Sliding Friction Demo



Wind tunnel test of student clay models







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Wind Tunnel By Greg Rune, Saved Generie, Michael Was, and Mick Laures

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Helicopter build station





Recovery system design test

Egg Drop

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Whirly bird construction



Trebuchet Wall Buster

Hot Air Balloon

Zip line Races

Rubber band powered cars

Kelp Holdfast Investigation



ttps://www.flickr.com/photos/usasef/with/14628274421/

Who are we seeking to Participate?

- Teachers
- Clubs
- Student groups (of approximately 2 to 6, and sometimes more).
- Local businesses (e.g. Santa Barbara Skydive, Surf Connection, Hobby Shops, etc.).
- Companies (e.g. United Launch Alliance, Raytheon, SpaceX, etc.)
- Colleges and Universities (e.g. UCSB, Cal Poly, AHC)
- Vandenberg AFB volunteers
- Artists
- Historians showing pivotal technology advancements.

How Can You Participate?

- Sign-up for a class booth (e.g. Physics, Biology, Geology, New or Historic Technology, Anatomy, Chemistry, Marine Biology)
 or
- Have multiple student teams sign up for individual booths. Student teams develop a hands on activity or exhibit (Show or teach a Science, Technology, Engineering, Art, or Math concept)

- Get the word out and encourage teachers in the arts, clubs, ROP/CTE, history & technology to sign-up for a class or student booths.
- Volunteer to be a Point of Contact (POC) for your campus recruit teachers and students to sign up for booths.
- Get word out to community to participate May 29 from 6 to 8 pm. Offer incentives for students and families to participate (\$\$, A's).