

Oakland Unified School District Board Meeting

February 6, 2013



Alexander Zwissler
Executive Director
Chabot Space & Science Center



Chabot Space & Science Center.....

- Inspires and educates students of all ages about our Planet Earth and the Universe.
- Provides access to science and technology programs, and targets students traditionally under-represented in these fields.
- Has been a beloved Bay Area institution for 130 years
- Welcomes over 170,000 annual visitors from throughout Northern California to its 86,000 sq.ft.facility



Chabot Space & Science Center and STEM Education

- Educates over 50,000 K-12 students annually, in standards-based science, technology, engineering and math (STEM) classes and exhibits- Free to OUSD
- Provides professional development in STEM to 2000 K-12 teachers annually reaching 60,000 students
- Inspires over 200 high school and middle school students to develop their interest in science through the *Galaxy Explorers* and *Champions of Science* programs



Chabot Space & Science Center.....

- Offers over 30 classes in astronomy, biology, chemistry, physics and environmental science
- Provides Simulated space missions to the Moon, Mars and a comet in the *Challenger Learning Center*®
- Develops state-of-the-art interactive exhibits, digital planetarium shows and hands on science
- Provides visitors access to 3 magnificent telescopes which make up the largest public observatory in the nation



Chabot Space & Science Center..... a leader in Climate Change Education

- Award winning interactive exhibit *Bill Nye's Climate Lab* featuring the Green Machine Invention Station and *Lab Dash* on-line game
- Climate Change Teacher's Institutes for High School and Elementary curricula
- Participation with UC Berkeley's BEACON carbon emissions monitoring project
- Citizen Science *Communicating Climate Change* sword fern/Redwood monitoring project



Chabot Space & Science Center
STRATEGIC PLAN 2013-2015



chabot
space & science center

EXPAND YOUR UNIVERSE

Strategic Plan 2013-15

- Transforming the Chabot we love, to one loved by all
- New Outdoor Education Facility
- Planetarium Upgrades
- Early Learning STEAM Center
- SpaceTime
- Next Generation Science Standards

chabot
space & science center



EXPAND YOUR UNIVERSE

Touch the Sun
now Open!



Touch the Sun

