

# SCIENCE IN ACTION

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ANALYZE BUILD CLAIM  
DISCUSS EXPLAIN  
FIND GROUP HELP  
INVESTIGATE  
JUSTIFY KNOW LISTEN  
MODEL NUMERATE  
OBSERVE PREDICT QUESTION  
REASON SHARE TEST  
UNDERSTAND  
VERIFY WONDER  
EXPLORE YIELD ZERO-IN

Oakland Unified School District  
K-12 District Science Fair  
May 21, 2014, 5-8 pm  
Chabot Space & Science Center

Welcome to the 56<sup>th</sup> annual Oakland Unified School District's K-12 Science Fair! We are excited to collaborate with the Chabot Space & Science Center to offer an evening of science exploration and celebration for our students, families, schools, and community.

The 250 projects on display were selected from science fairs at 43 elementary, middle, and high schools because of their excellence. Congratulations to all our students, teachers, and schools! You are a part of a tradition that has been taking place in Oakland since 1958!

Tonight's event includes self-guided tours of the student projects, Chabot Space & Science Center exhibits, science activities from community organizations, shows in the Planetarium, as well as complementary food and drinks.

We hope you enjoy experiencing science in action!

Caleb Cheung  
Science Manager, Oakland Unified School District

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Chabot Space & Science Center is pleased to welcome you, our Oakland students and families, to the OUSD Science Fair. We are honored to be part of your journey, expanding your universe to inspire and educate you - our next generation of scientists, engineers, explorers and dreamers.

Whether you join us for a field trip class, an overnight in the museum, a hike in the redwoods, stargazing through our magnificent historic telescopes, or building and experimenting in our labs as Summer Scientists, Chabot is committed to inspiring Oakland students of all ages about our Planet Earth and the Universe. We are proud that you are engaging in science and that you have chosen us as a destination. We hope that after experiencing Chabot first hand, you will consider becoming members so you can better experience all we have to offer! For more information please visit [www.chabotspace.org](http://www.chabotspace.org).

Alex Zwissler  
Executive Director/CEO, Chabot Space & Science Center

## SCHEDULE

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- 5:00-8:00 Visit Projects & Chabot Exhibits
- 5:30-7:30 Refreshments, Bean Sprouts Café
- 6:00, 6:40, 7:20 Welcome and Planetarium Show, Planetarium
- Caleb Cheung, Science Manager, OUSD
  - Eric Havel, Senior Manager of Education, CSSC
  - *The Home Galaxy* (25 min long)
- 8:00 Conclusion and Project Pickup

## REMINDERS

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Students should spend some time standing by their projects to explain their work to other guests.

The science projects are displayed throughout the second floor, arranged in alphabetical order by school name.

Activities with partner organizations are available for guests in the Biology Lab and on the first floor hallway.

Awards and medals for participating students will be available at school sites from science fair coordinators.

All projects must be picked up tonight between 8:00-8:20 pm. Unclaimed projects will not be stored.

Food can be only consumed in the café and outdoor areas.  
A free poster for each family is available when you leave.  
The Science Fair Store will be open until 8 pm.

Thank you to all the students, families, teachers,  
and staff from participating schools and organizations  
who helped to make this a successful event!

#### PARTICIPATING SCHOOLS

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Allendale Elementary • Bella Vista Elementary  
Bridges Academy • Brookfield Elementary • Burckhalter Elementary  
Carl Munck Elementary • Claremont Middle School • Cleveland Elementary  
Coliseum College Prep Academy • Community United Elementary  
Crocker Highlands Elementary • EnCompass Academy  
Esperanza Elementary • Franklin Elementary • Fruitvale Elementary  
Garfield Elementary • Glenview Elementary • Global Family School  
Grass Valley Elementary • Greenleaf Elementary • Hillcrest  
Horace Mann Elementary • Howard Elementary  
International Community School • Joaquin Miller Elementary  
Kaiser Elementary • La Escuelita Elementary • Lafayette Elementary  
Laurel Elementary • Lincoln Elementary • Manzanita Community School  
Manzanita SEED Elementary • Montclair Elementary • New Highland Academy  
Parker Elementary • Piedmont Elementary • PLACE @ Prescott  
Redwood Heights Elementary • RISE Community School • Sequoia Elementary  
Think College Now Elementary • Thornhill Elementary

#### PARTICIPATING ORGANIZATIONS

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Chabot Space & Science Center  
Alameda County Science & Engineering Fair  
Community Resources for Science • Energy Coalition/PEAK  
Galileo • Lawrence Berkeley National Labs • Lighthouse Creativity Lab  
Oakland Museum • Oakland Zoo • OUSD Nutrition Department  
Save the Frogs • Techbridge

#### CHABOT STAFF

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Eric Havel • Ben Burress  
Jonathan Braidman • Lisa Hoover • Carlin Hsueh

