

Piedmont High School Makers:

Dr. Raj Computer Science Class Projects (E)
 Mr. Mattix Computer Science Class Projects (E)
 PHS Makers Club (D)
 Physics of Alternative Energy Class Projects (C)
 Rubik's Cube Mosaic (SC)
 Soapers Club (C)
 Scotbots (SC)
 Technovations (A)

Piedmont Middle School Makers:

PMS Makers Class Projects (C)
 PMS Makers Club (C)
 Small Crossbow (A)
 Solar-Powered Device Charger (A)
 The Shopping Channel Film (SC)
 Foam Swords, Shields, and Weapons (C)

Beach Elementary Makers:

Amazing Furniture (A)
 BB8 Star Wars Robot (A)
 Camera Obscura (A)
 Homemade Refrigerator (A)
 How do leaves get crumply? (A)
 How my car works (A)
 Maglev Trains (A)
 Marble game (A)
 The Amazing Pneumatic Tube System (D)
 Solar Oven (A)
 Swagbell (A)
 Tornado in a Bottle (A)
 Tweety Code (A)
 Vibrobot (A)

Havens Elementary Makers:

Marble Run (A)
 Bristlebots! (C)

Wildwood Elementary Makers:

Air Rockets (D)
 Ball Ramp (A)
 Hovercraft (D)
 How Light Affects Plant Growth (A)
 Modified Nerf Gun (A)
 Wind Tube & Flying Paper Rockets (D)

Community Makers:

Alameda County Safe Routes to School (E)
 ALPS Common Core Math (A)
 CHIME Violin Duet (B)
 CraftCamp Minecraft Camps (SC)
 DIY.org (C)
 Drones (D)
 FixIt Clinic (SC)
 Kudo3D 3D Printing (SC)
 LearnTech Labs Coding School (SC)
 LED Lamp Sculptures (SC)
 LEGO Jeep & LEGO Projects (E)
 Modulo Modular Electronics (SC)
 Moog Synthesizer (D)
 Oakland East Bay Symphony (C)
 Oculus Rift - Virtual Reality Headset (E)
 PAINTS Cardboard City (A)
 Piedmont Connect (A)
 Programmable Dance Floor (SC)
 PUSD Instructional Technology (A)
 Rogue Making Wearables (C)
 Tod Puckett acoustic set (B)
 Tynker - Programming for Kids (SC)
 Woodworking (D)



Piedmont Unified School District

2nd Annual - May 30, 2015 11-3pm

The Piedmont Unified School District School Maker Faire is a celebration of K-12 Science, Technology, Engineering, Arts, and Math (S.T.E.A.M.) education for the Piedmont community.

Speaker Series

Time	Topic
12:00	Drought-busting with DIY Arduino Water Meter - Alex Seiden
12:15	Precision Engineering in Making Computer Chips - Matt Bjork
12:30	Blending Technology in Schools - Liz Arney, NewSchools Venture Fund
12:45	Drones, Planes, and Other Flying Robots - Mark Harrison
1:00	Movie Intermission - featuring Piedmont student films
1:15	Quick and Dirty Machine Vision with Raspberry Pi - Andy Scheutz
1:30	Next Generation Science Standards - Dr. Cheryl Wozniak, Piedmont USD
1:45	Coding for Kids - Dave Ragonese
2:00	Making a Hovercraft - Kurt Fleischer & Ben Aldridge
2:15	Learn to Code in 4 Months (or 8 Months) - Jordan Hart, LearnTech Labs

piedmontmakers.org

Thank You Sponsors!



@piedmontunified #makerfaire

2015 Piedmont USD School Maker Faire Map

Piedmont High School Campus

FOOD TRUCKS

800 MAGNOLIA AVENUE

COMPUTER LAB

Room 49

CS Projects
Oculus Rift

E

BIKE
PARKING

Lego Jeep

LEGOS

HUNGRY?

Tonli Dumpling
El Paisa Tacquaria
Food Trucks will be parked on Magnolia Avenue

MUSIC (ZONE B):

CHIME Student Ensemble at 11:00am
Tod Puckett at 11:45am



Registration
Check In

A

PAINTS
CARDBOARD
CITY

THANK YOU FOR CONTRIBUTING TO THE MAKER COMMUNITY IN PIEDMONT

Piedmont Unified School District
Associated Parents Club of Piedmont
ALPS, PAINTS, CHIME
Piedmont High School
Millennium High School
Piedmont Middle School
Beach Elementary School
Havens Elementary School
Wildwood Elementary School

A

Please visit the Maker Shed to try out some toys and buy Maker merchandise in Zone C.

Come meet Tenaya Hurst with Rogue Making, and DIY.org next to the Maker Shed.

Look for Hands on Activities throughout the Mini-Maker Faire:

PAINTS Cardboard City

Air Rockets

Fix-it Clinic

Legos

Bristlebots and Scribbler Machines
... and much more!!

C

Maker Shed

DRONES

D

AIR
ROCKETS

SC
STUDENT CENTER



LIBRARY

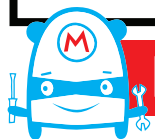
PUSD Maker Faire Speaker Series:

Expert Makers

12pm-1pm

Movie Intermission
featuring student films
1-1:15pm

Cultivating Makers
1:15-2:30pm



Piedmont Makers

TO PIEDMONT PARK