

LUSD 2017



2017 Festival

May 19 & 20

Friday Evening 5 - 8 PM

Saturday Morning 9 – 12 Noon

Lompoc High School

2015 & 2016 Festivals

- Slides 2, 3 & 4 are groupings of former activity booths by STEAM topic
- Slide 5 is a listing of former booth participants
- Slides 6, 7 & 8 show former booth location maps.

<p><u>Group 1:</u> Computer Science</p>	<ul style="list-style-type: none"> o Computer Coding (Booth 15) o iOS App Development (Booth 22)
<p><u>Group 2:</u> Environmental Science</p>	<ul style="list-style-type: none"> o Milkweed and Bee Feed Seed Packets (Booth 10) o Water Shed Model (Booth 9)
<p><u>Group 3:</u> Technology</p>	<ul style="list-style-type: none"> o Etching, Laser Cutter and 3D Printers Demos (Booth 28) o Soldering Practice & Robot Cars (Booth 35) o Technical Illustrations (Booth 12) o Maneuver Underwater ROV Through a Course (Booth 40) o Demo of Capabilities of Spartatroniks Robot (Booth 39) o Space X- Estes Rocket Launches (Booth 41) o Run RC cars Through Course and Fly Drones (Booth 45)
<p><u>Group 4:</u> Life Science</p>	<ul style="list-style-type: none"> o Diatomaceous Earth (Booth 2) o Interactive Marine Aquaria- with UCSB (Booth 31) o Marine Life & Touch Tanks- with Cabrillo High (Booth 27) o Microscope Demonstrations (Booth 2)

Grouping of activity booths by STEAM topic

Grouping of activity booths by STEAM topic continued

<u>Group 5:</u> Physical Science	<ul style="list-style-type: none">o Trebuchet (Booth 43)o Infrared Camera Demonstration (Booth 21)o Making Oobleck (Booth 33)o Cloud in a Bottle (Booth 37)o Air Rockets (Booth 42)o Bottle Rockets (Booth 44)o Earth/ Moon Rotation and Revolution (Booth 13)o Display of Sky Dive Santa Barbara Videos & Parachute Target Contest (Booth 30)o Bernoulli's Principle (Booths 11 & 29)o Making Slime (Booth 32)o Float or Sink (Booth 18)
<u>Group 6:</u> Art	<ul style="list-style-type: none">o Art Activities- Los Berros (Booth 26)

Group 7:
Engineering

- o Water Filters (Booth 3)
- o Magic Nuudles (Booth 4)
- o Projector w/ Pictures and Engineering Activities (Booth 6)
- o LEGO Robots, iPad apps, Old Computer Reverse Engineering and More! (Booth 14)
- o Engineering & Manufacturing Robotics (Booth 14)
- o STEM Hands-On with Cabrillo High (Booth25)
- o Engineering Design Process-with Cal Poly (Booth 19)
- o STEM Hands-On with Allen Hancock (Booth 24)

Grouping of
activity booths
by STEAM
topic
continued

FORMER BOOTH ACTIVITY HOSTS

Colleges & Universities:

Cal Poly, Mechanical Engineering
UCSB Marine Science Institute
Allen Hancock College

Businesses:

Sky Dive Santa Barbara
The Surf Connection
Fast Lap RC Hobbies

Companies:

SpaceX
United Launch Alliance
Raytheon Vision Systems
Imerys Lompoc Plant
Tetra Tech

Educational Outreach:

Ventura Educational Systems
NatureTrack

Clubs:

4H Youth Development Program Santa Barbara
Lompoc Family YMCA
Lompoc Valley 4H
Lompoc Fire Department

Schools, Departments & Individual Classrooms:

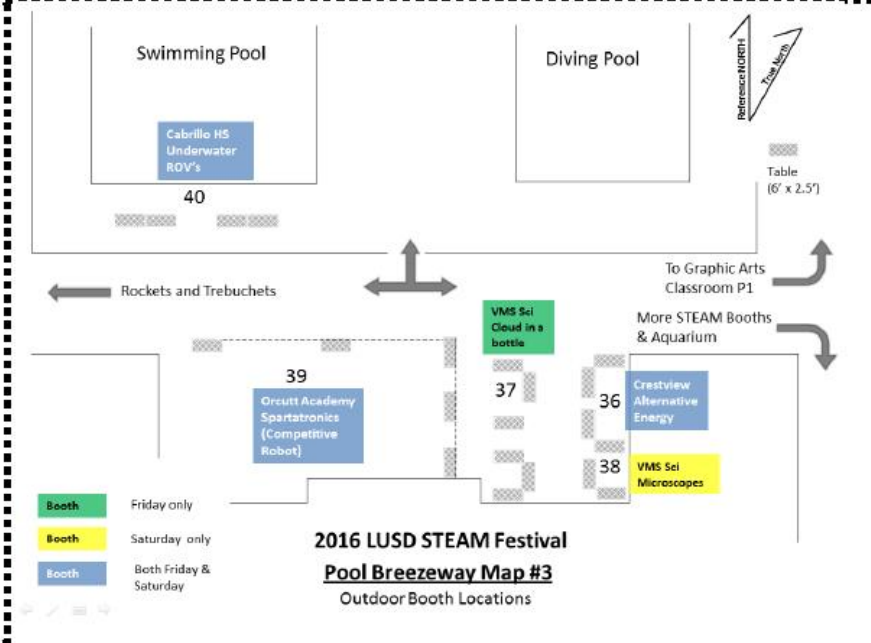
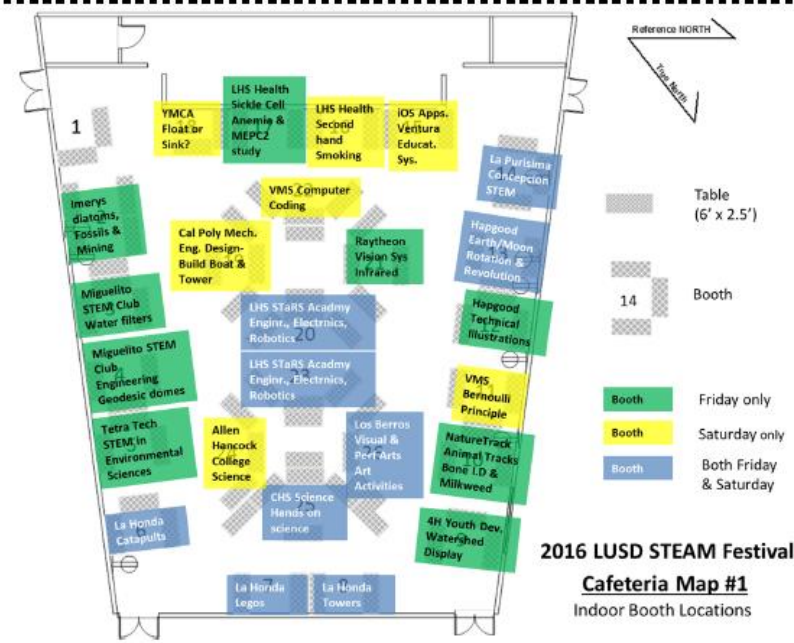
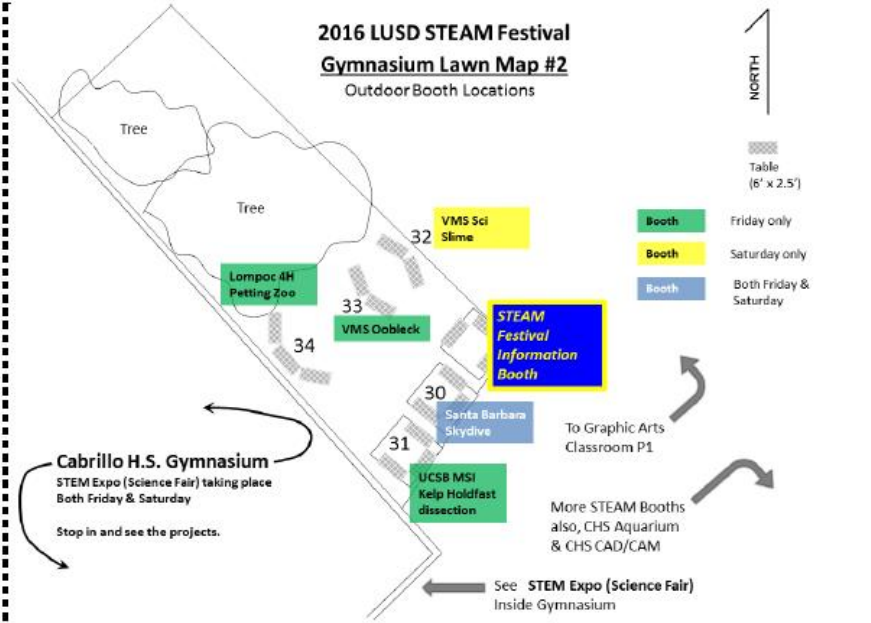
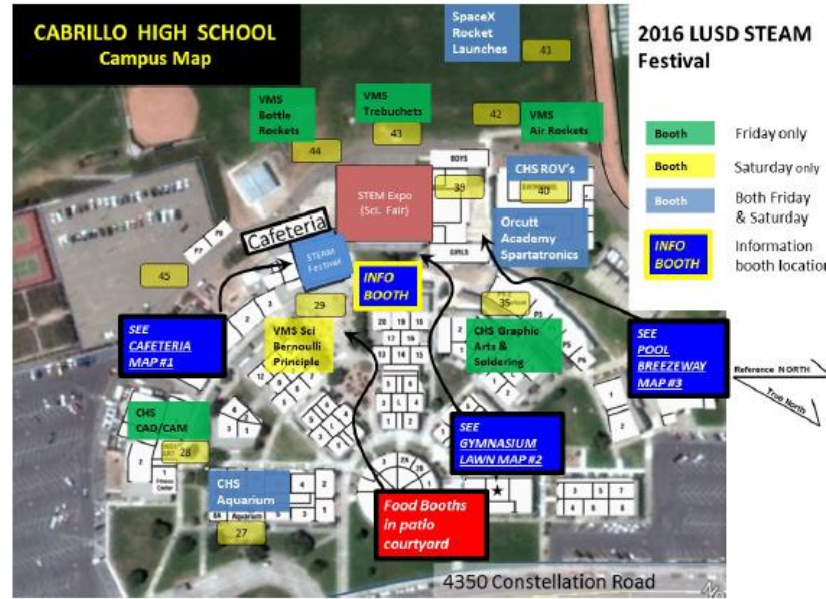
Orcutt Academy Spartatroniks
Miguelito STEM Club
La Honda Elementary
Los Berros Visual & Performing Arts Academy
La Purisima Concepción Catholic School
Hapgood Elementary
VMS Science
LHS STaRS Academy
LHS Visual Arts
LHS Health & Wellness Careers Academy
CHS Aquarium
CHS Physics & Life Science
CHS Graphic Arts & CAD/CAM
CHS ROVs

LUSD 2016 STEAM Festival

Science
Technology
Engineering
Art
Math

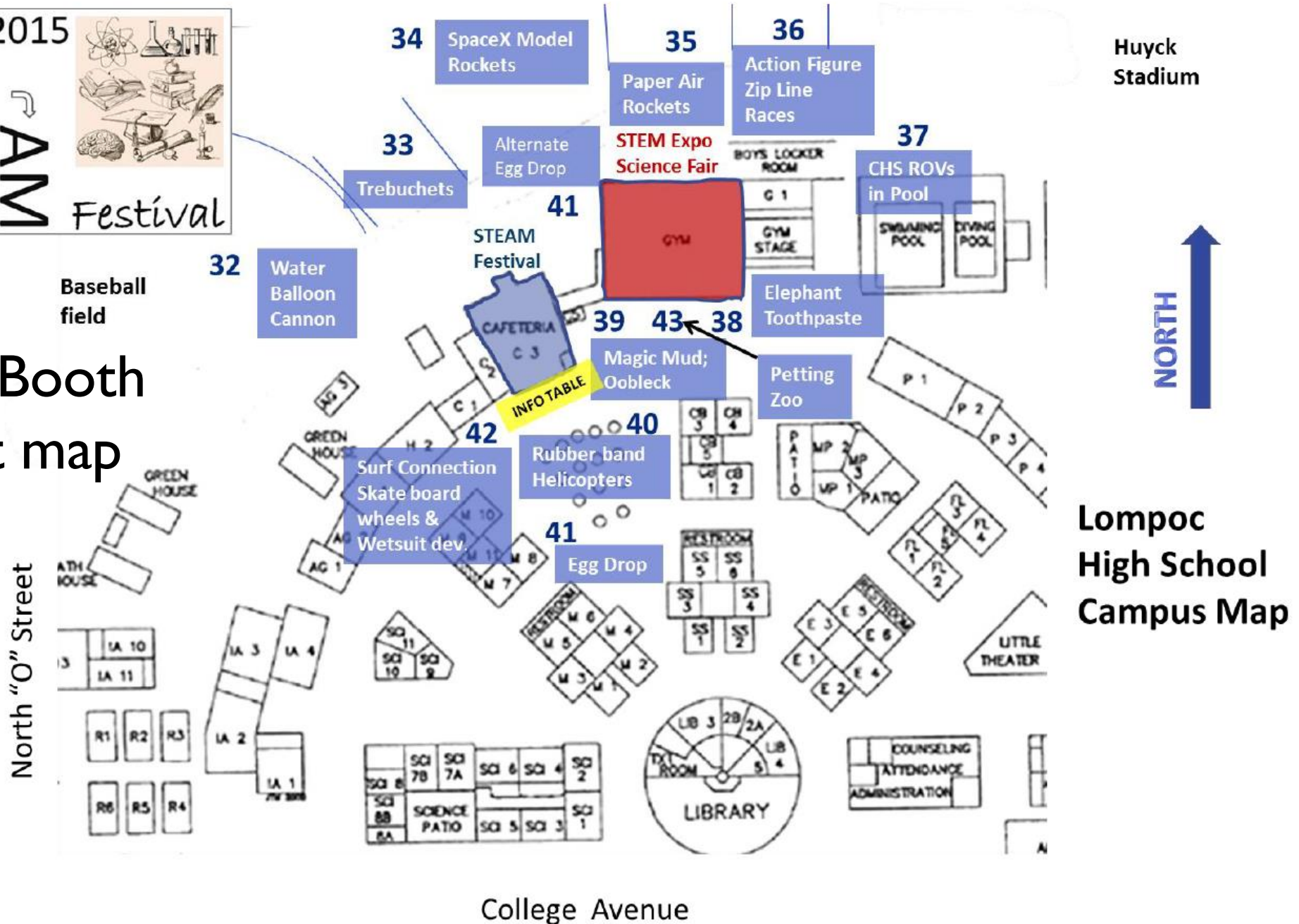


2016 Booth layout map Cabrillo HS

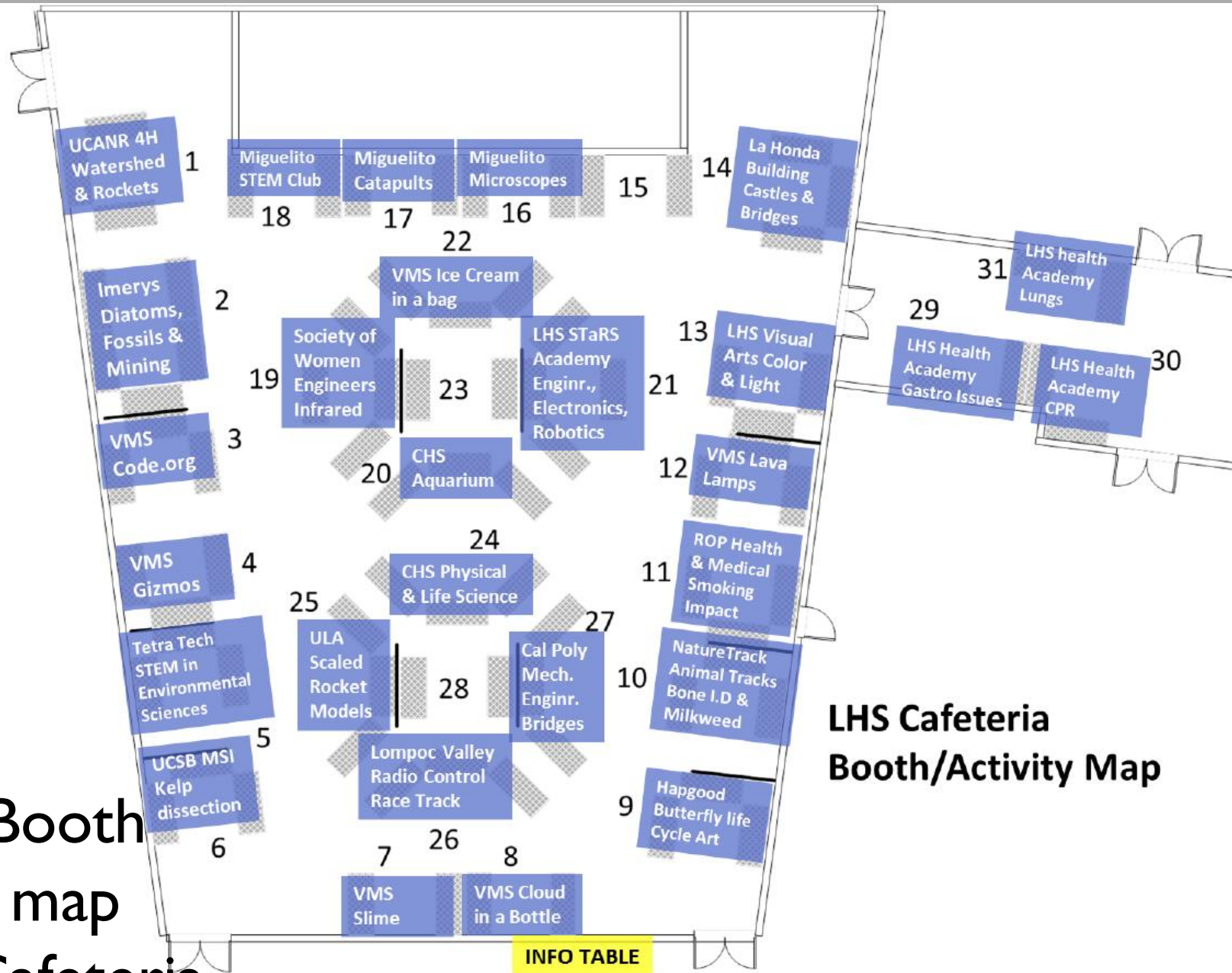




2015 Booth layout map LHS



2015 Booth
layout map
LHS Cafeteria



**LHS Cafeteria
Booth/Activity Map**