



# Orange Unified School District

Cal State University

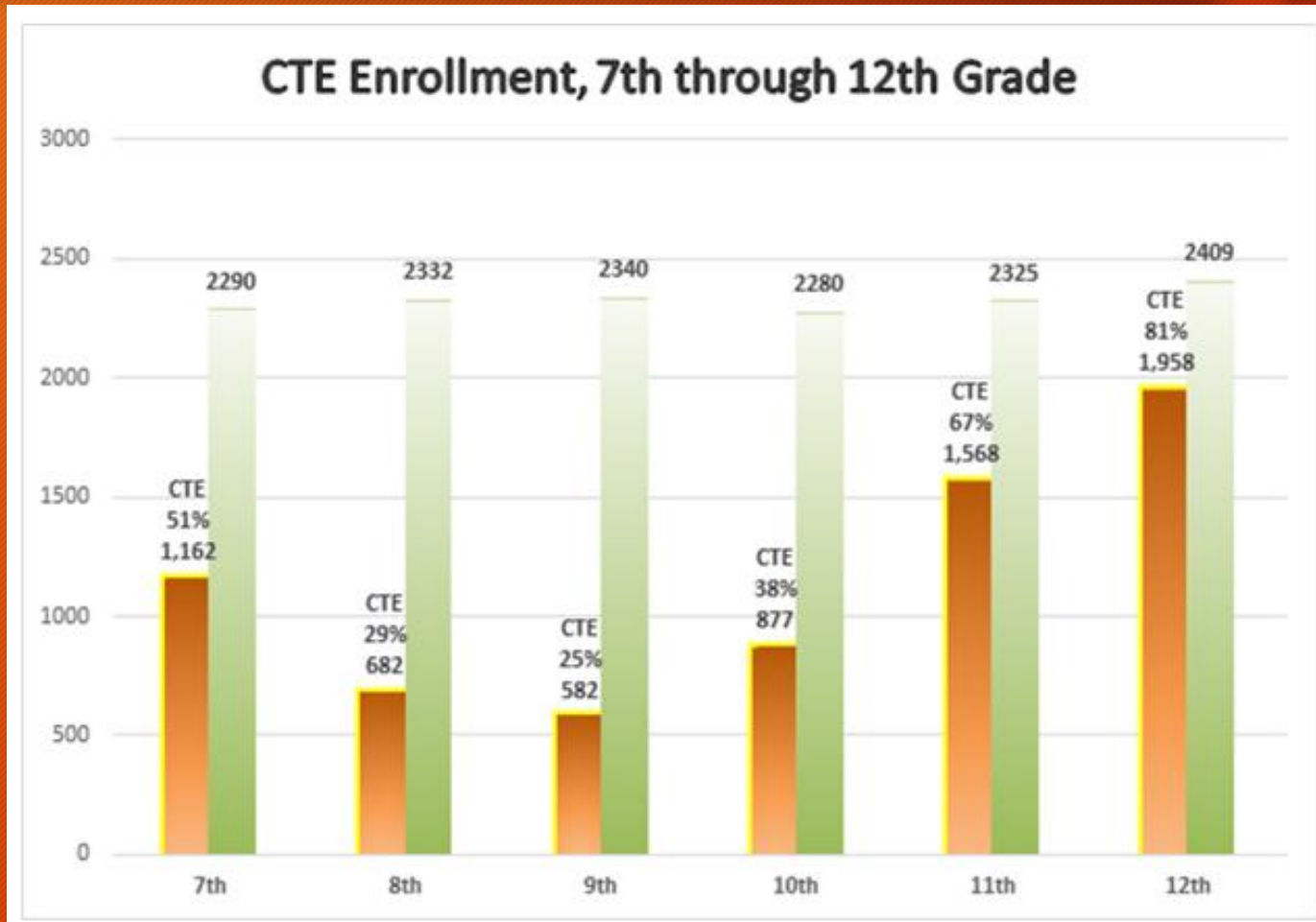
University of CA

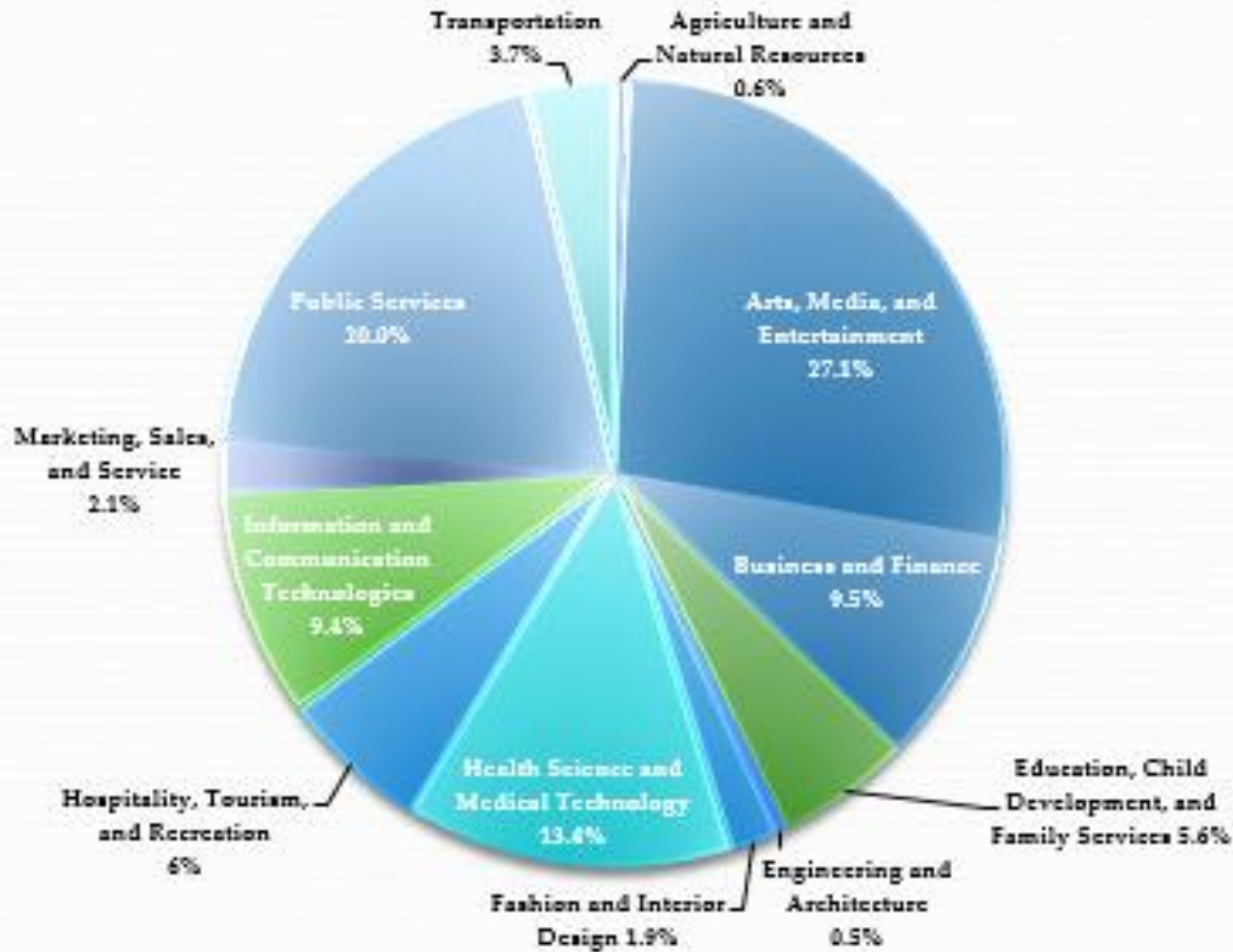
Private Universities



## College and Career Readiness

# What is our data telling us?





Orange USD enrollment by Career Interest Area

# Career Readiness through NAVIANCE

7<sup>th</sup> Grade:

Explore Careers  
and Clusters

8<sup>th</sup> Grade:

Cluster Finder/  
Four Year Plans

9<sup>th</sup> Grade:

Career Interest  
Profiler



What's been happening.....

# CAREER EXPLORATION PROGRAMS

UCI Energy Invitational - Orange HS

**UCI**

MAXIMUM DISTANCE IN ONE HOUR ON  
A DOLLAR'S WORTH OF ENERGY WINS

**Vital Link**  
**MDA**

**CTEP**

**AI** The Art Institute of California - Orange

**ENERGY INVITATIONAL**

**DESIGN IT  
BUILD IT  
DRIVE IT**  
ADAMS MOTORSPORTS PARK

**Audi**

**EXXON MOBIL TUNE UP BRAKES**  
Your Premier Automotive Maintenance Center

**imm**

**MINI**

**TOYOTA**

**VW**

**VOLVO**

# Rescue Robotics: Project Based Learning



- Each robot must be safely autonomous



- The robot must work in the natural environment w/ varying terrains



Canyon High School - Susan Damon

Orange High School - Stewart Mocilnikar

McPherson Magnet - Trisha Marzolo

## Computer Programming and Robotics

# MATH

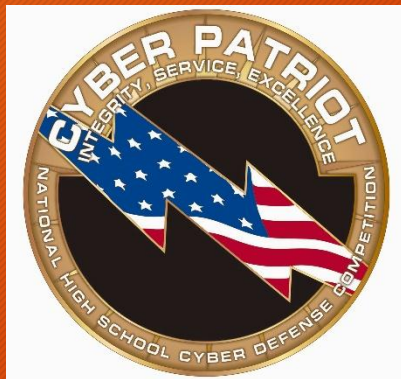


# C-STEM

# CyberPatriot

Canyon High School - Linda Dewberry

NATIONAL YOUTH CYBER EDUCATION PROGRAM

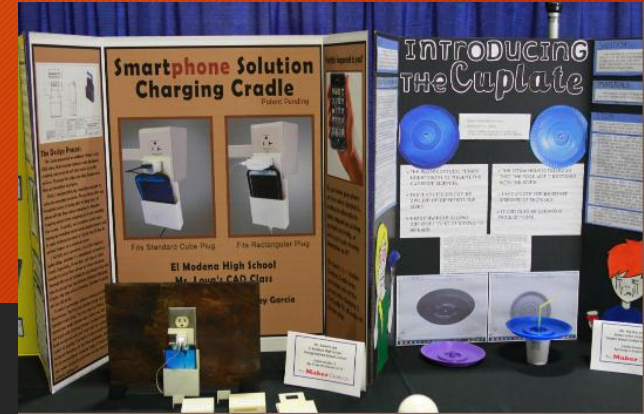




# ocMaker Challenge

Teams participating in 2015-2016  
from:

- Canyon HS
- El Modena HS
- Orange HS
- Villa Park HS



Design and build,  
or significantly  
repurpose, a  
product that will  
solve a problem,  
need or want.

-ocMaker Challenge Prompt

# S.T.E.A.M.

## SCIENCE

- ✓ Biotechnology (Dual Enrollment courses at SCC)
- ✓ Medical Occupations and Health Careers (Patient & Emergency Care Pathways)

## TECHNOLOGY

- ✓ Computer Programming (Code.org)
- ✓ Networking (CISCO)

## ENGINEERING

- ✓ Engineering Design (UCI Energy Invitational)
- ✓ 3D Computer Assisted Design (CAD and OUSD/ocMaker Challenge )

## ARTS

- ✓ Digital Media Arts (Animation, Graphic Design, Digital Photography & Videography Pathways)
- ✓ Performing Arts (Dance and Theatre Pathways - experiences starting in elementary school)

## MATH

- ✓ Aviation Pilot Ground School
- ✓ C-STEM Algebra & Robotics

# Digital Music in Middle School



S. T. E. **A.** M. Labs in Elementary

# ART in OUSD



Student created video through Video Productions course at CHS

# Business Partners Bring "Real-World" Classroom Learning



**BEARD PUBLISHING**  
DIGITAL | OFFSET PRINTING | GRAPHICS



**BRIXEN & SONS**  
SCREENPRINTING  
LARGE FORMAT DIGITAL



## Student Work-Based Learning Opportunities

- Guest Speakers
- Company Tours
- Mentors
- Job Shadowing
- Internships
- Employment

# DUAL ENROLLMENT

ACCESS COLLEGE-LEVEL RESOURCES

EXPAND CHOICE OF ELECTIVES

SAVE TIME AND MONEY



HIGH SCHOOL  
STUDENTS TAKE  
COLLEGE CLASSES

● ● ●  
EARN CREDITS

**Attention Parents!**  
Your child can Earn College  
Credit in High School!

# Dual Enrollment.... SCC & OUSD



# Dual Enrollment & Articulation

## Sample 4-year plan towards AA

| <b>Orange Unified School District</b><br><b>Early College Plan = 62 college units</b><br><b>(Students must enroll in a minimum of 1 additional Summer SCC Course)</b> |                           |   |                                  |   |   |   |   |
|---|---------------------------|---|----------------------------------|---|---|---|---|
| Course Types  | 9 <sup>th</sup>           | S | 10 <sup>th</sup>                 | S | 11 <sup>th</sup>                          | S | 12 <sup>th</sup>                          |
| English   | English 9 Honors          |   | SCC<br>English 101(4)            |   | SCC<br>English 103(4)                     |   | SCC<br>Communications 110(3)              |
| History   | SCC<br>Geography 100 (3)  |   | SCC<br>History 102 (3)           |   | SCC<br>History 118(3)                     |   | SCC<br>Political Science 101(3)           |
| Math  | High School Math Course   |   | High School Math Course          |   | SCC<br>Math 105(3)                        |   | SCC<br>Math 140(4)                        |
| Science   | SCC<br>Biology 211(5)     |   | SCC<br>Chemistry 219(5)          |   | SCC<br>Physical or Biological Science (5) |   | SCC<br>Physical or Biological Science (5) |
| PE  | P.E.                      |   | P.E.                             |   | N/A                                       |   | N/A                                       |
| Technical Core  | Career Focus class        |   | CTE Pathway Course               |   | CTE Pathway Course                        |   | CTE Pathway Capstone Course               |
| Foreign Language, Elective or VPA   | SCC<br>Art List Choice(3) |   | SCC<br>Humanities List Choice(3) |   | SCC<br>Art or Humanities List Choice(3)   |   | SCC<br>Art or Humanities List Choice(3)   |

# Dual Enrollment Opportunities in OUSD Schools

|        |                               |
|--------|-------------------------------|
| OHS    | Chicano Studies               |
|        | American Sign Language        |
| VPHS   | American Sign Language        |
|        | Music/Art appreciation        |
| ELMO   | American Sign Language        |
|        | Music Appreciation            |
|        | Sociology                     |
| CHS    | American Sign Language        |
|        | Music/Art appreciation        |
|        | History of film               |
|        | Sociology                     |
|        | Anthropology                  |
|        | Philosophy                    |
|        | Communications                |
| Summer | Math 70 – 39 MS students      |
| 2015   | Math 80 – 26 MS & HS students |
|        | Math 140 – 18 HS students     |

Start college as a Junior!



# Starting January 2016:

- Students can take up to 15 units
- Courses housed on OUSD HS campuses (closed to the public)

# READY

college. career. life.



## THROUGH

