



# Orange Unified School District

Cal State University

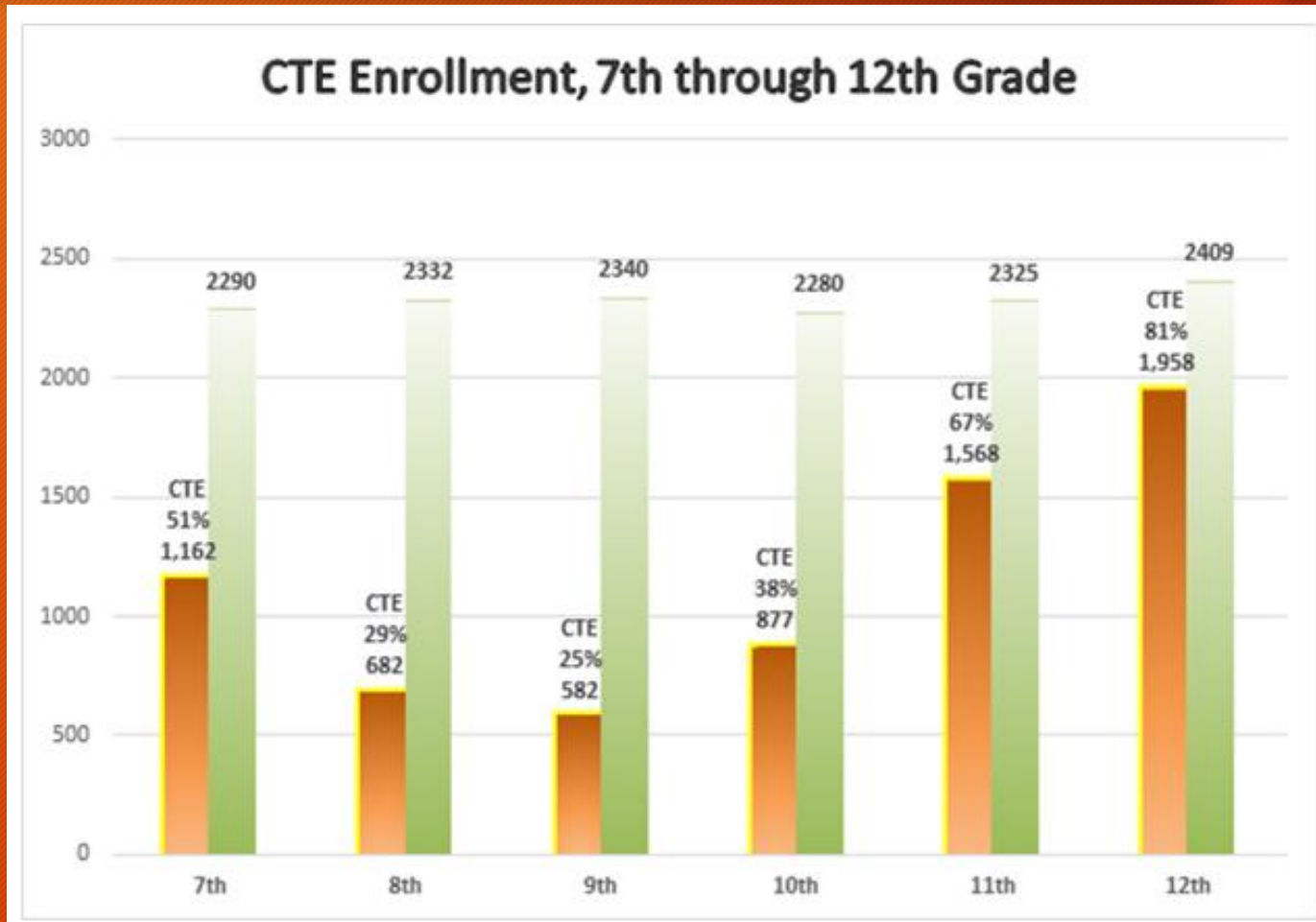
University of CA

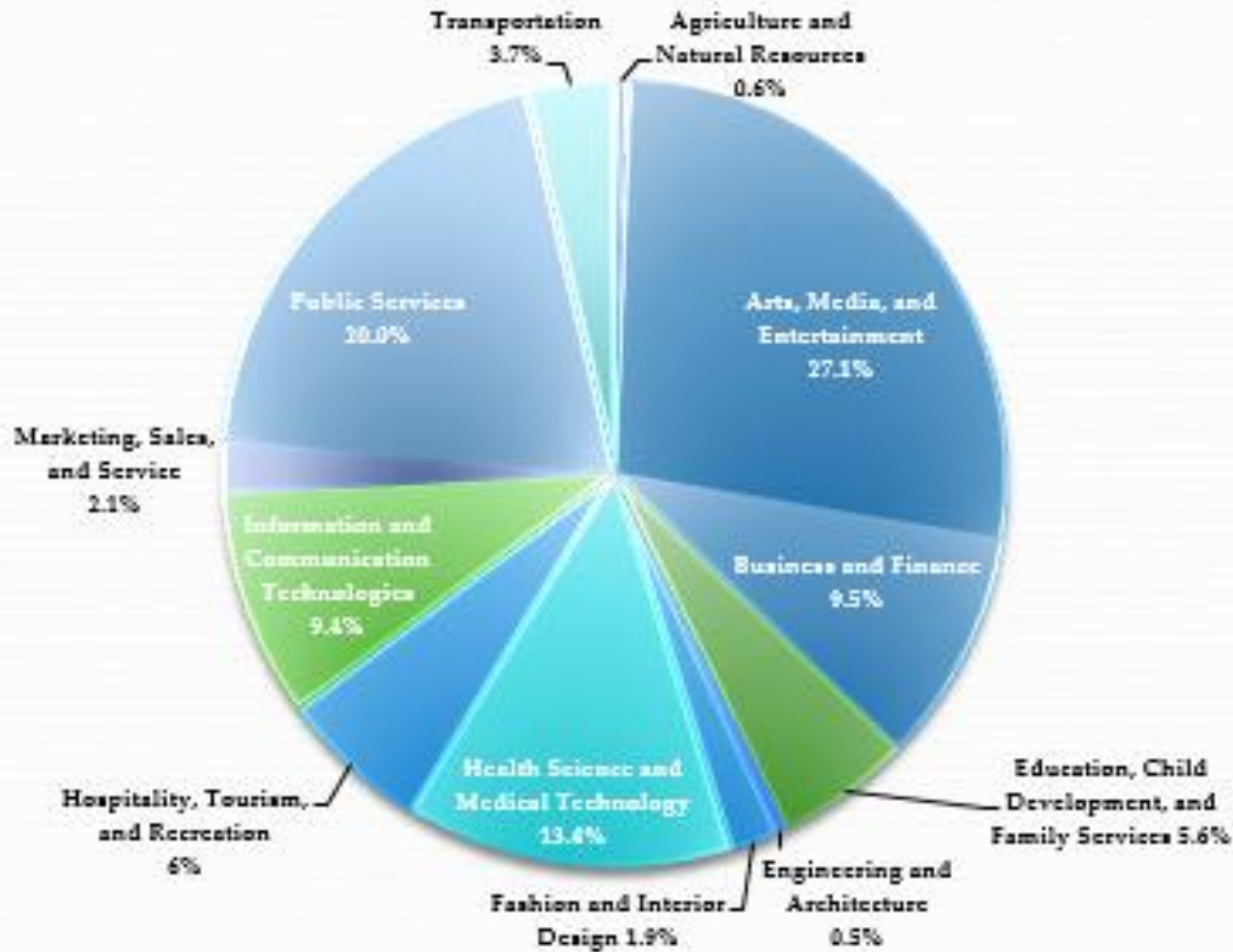
Private Universities



## 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 LUBE N' TUNE** **OF 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

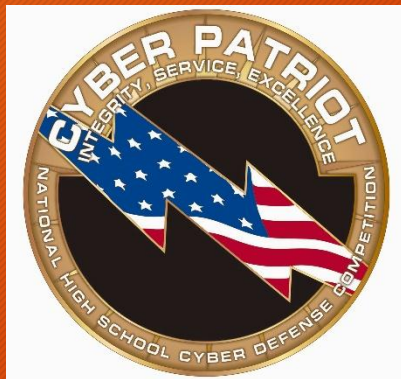


# C-STEM

# CyberPatriot

Canyon High School - Linda Dewberry

NATIONAL YOUTH CYBER EDUCATION PROGRAM

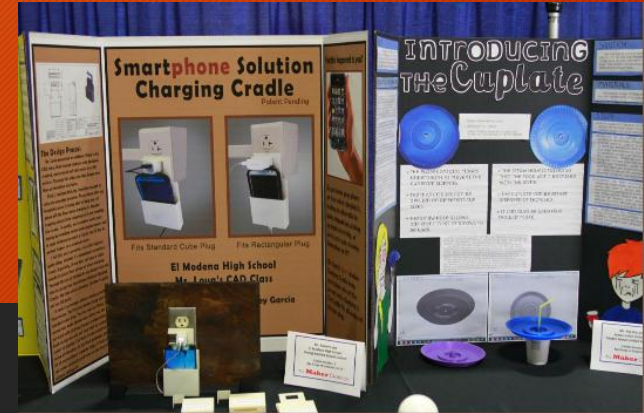




# ocMaker Challenge

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



## FOUR YEAR



Student created video through Video Productions course at CHS

# Business Partners Bring "Real-World" Classroom Learning



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



## 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> <b>Early College Plan = 62 college units</b> <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 English 101(4)		SCC English 103(4)		SCC Communications 110(3)
History	SCC Geography 100 (3)		SCC History 102 (3)		SCC History 118(3)		SCC Political Science 101(3)
Math	High School Math Course		High School Math Course		SCC Math 105(3)		SCC Math 140(4)
Science	SCC Biology 211(5)		SCC Chemistry 219(5)		SCC Physical or Biological Science (5)		SCC 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 Art List Choice(3)		SCC Humanities List Choice(3)		SCC Art or Humanities List Choice(3)		SCC 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

