



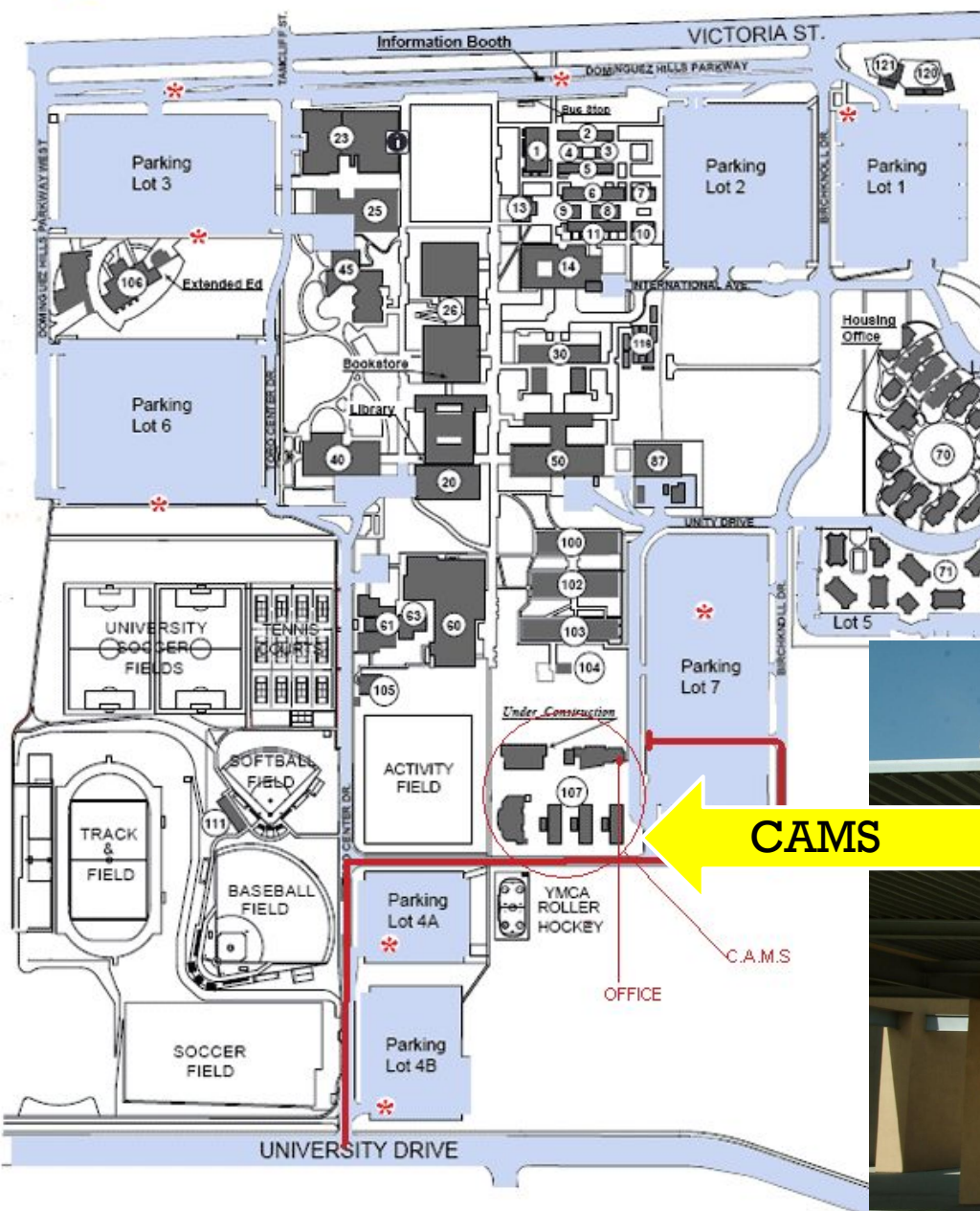
California Academy of
Mathematics and Science







California State University Dominguez Hills



WHERE IS CAMS?

CAMS is located on the
CSU Dominguez Hill
campus





CAMS Mission

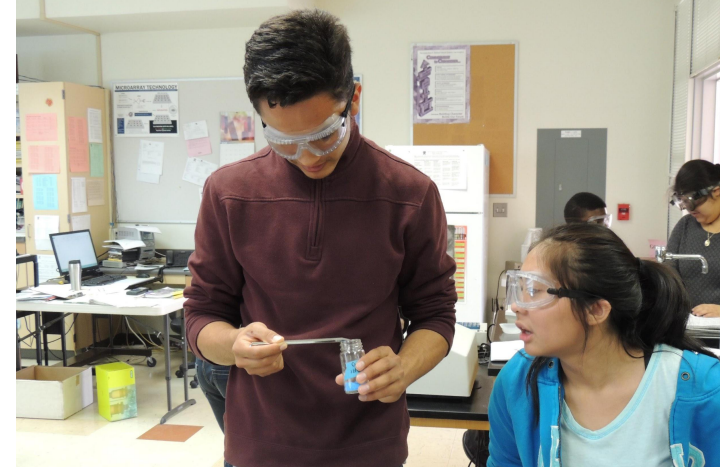
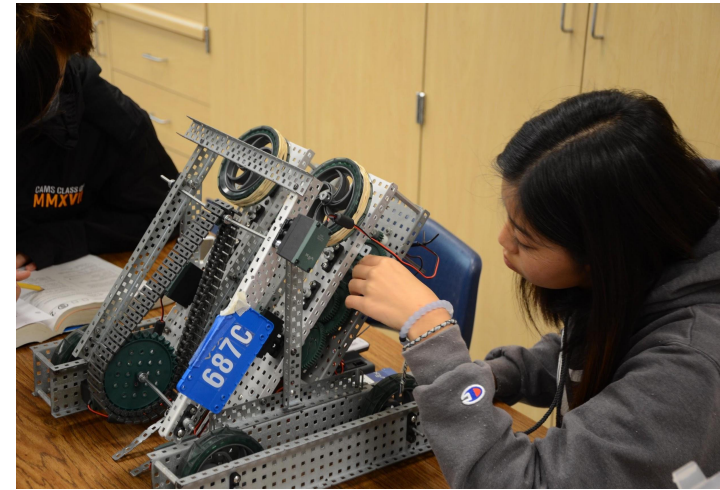
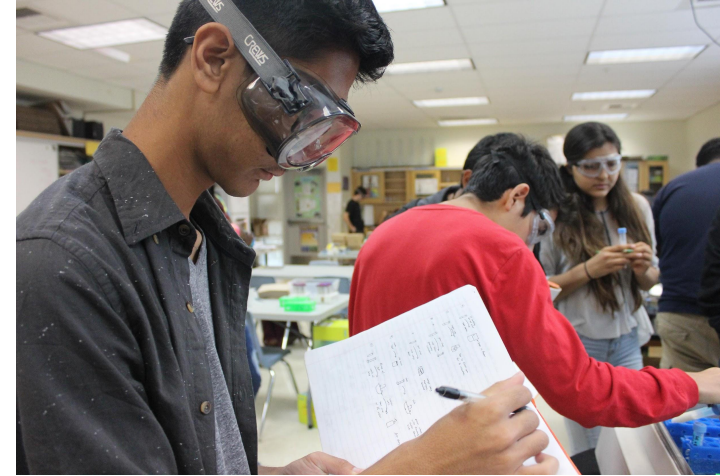
CAMS's mission centers on increasing the nation's pool of college graduates in the fields of **mathematics** and **science** by offering an intensive college preparatory education to motivated high school students



CAMS Pathway

Science, Technology, Engineering,
and Math (STEM) Pathway:

- **Engineering**
- **Computer Science**
- **Biotechnology**

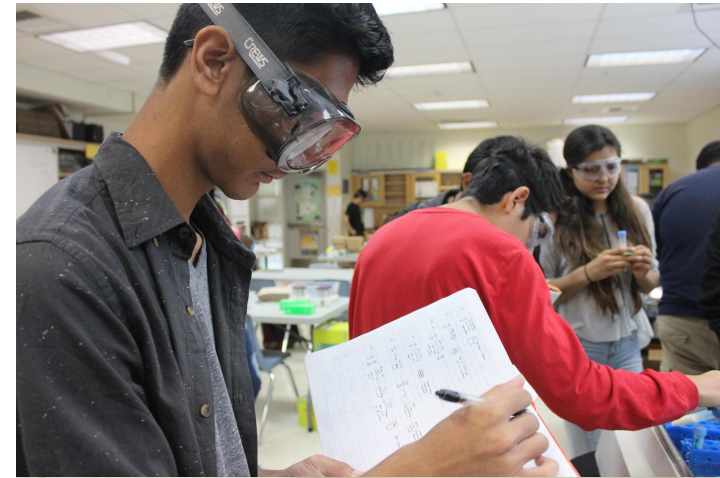


WHAT IS Biotechnology?

The study and manipulation of living things or their component molecules, cells, tissues or organs.

Biotechnology Sectors

- ❑ Industrial and Environmental - Ex. Forensics
- ❑ Medical/Pharmaceutical - Ex. Insulin
- ❑ Agricultural Biotechnology - Ex. Pest resistant corn
- ❑ Research Biotechnology - Ex. DNA's link to diseases



CAMS Schedule

*School Day- 8:45 to 3:45 (M-F)

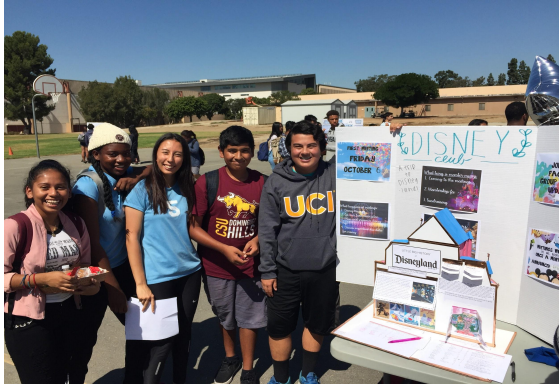
*Block schedule- Monday/Wednesday- odd days (87 min)
Tuesdays/Thursdays- even days (87min)
Fridays- All Periods (40 min)

*No Transportation

*Some parents set up car pools



EXTRA CURRICULAR ACTIVITIES-



- 50+ Clubs and Interest Groups
 - Cultural
 - Academic
 - Robotics
 - Competitive



Athletic teams include:

Basketball, Tennis, Soccer,
Volleyball and
Track/ Cross-Country



EXTRA CURRICULAR ACTIVITIES- ROBOTICS NERD HERD- TEAM 687



CAMS



FRC- FIRST Robotics Competition

- This club focuses on all aspects of robot development.
- Robotics students use power tools, gears and wires to build robots for competitions.
- In addition students complete at least ten service learning hours as part of outreach.

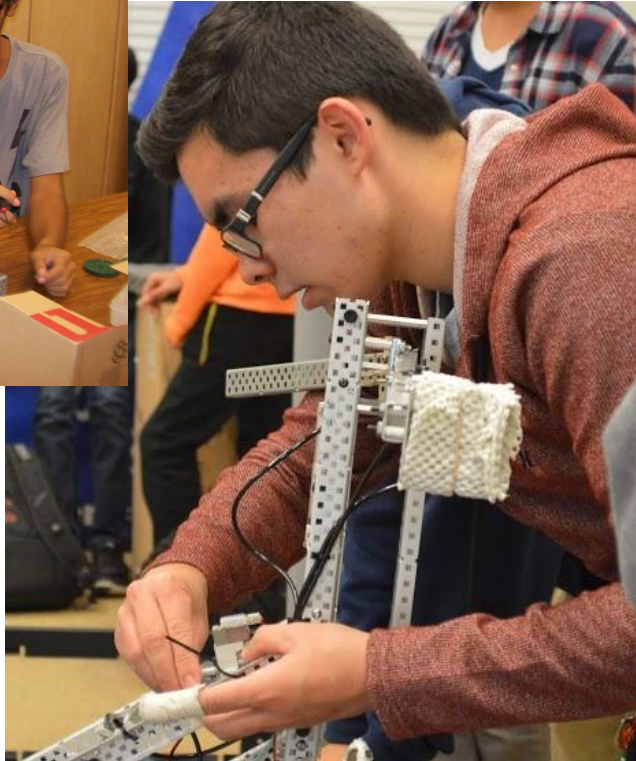


EXTRA CURRICULAR ACTIVITIES- ROBOTICS NERD HERD- TEAM 687

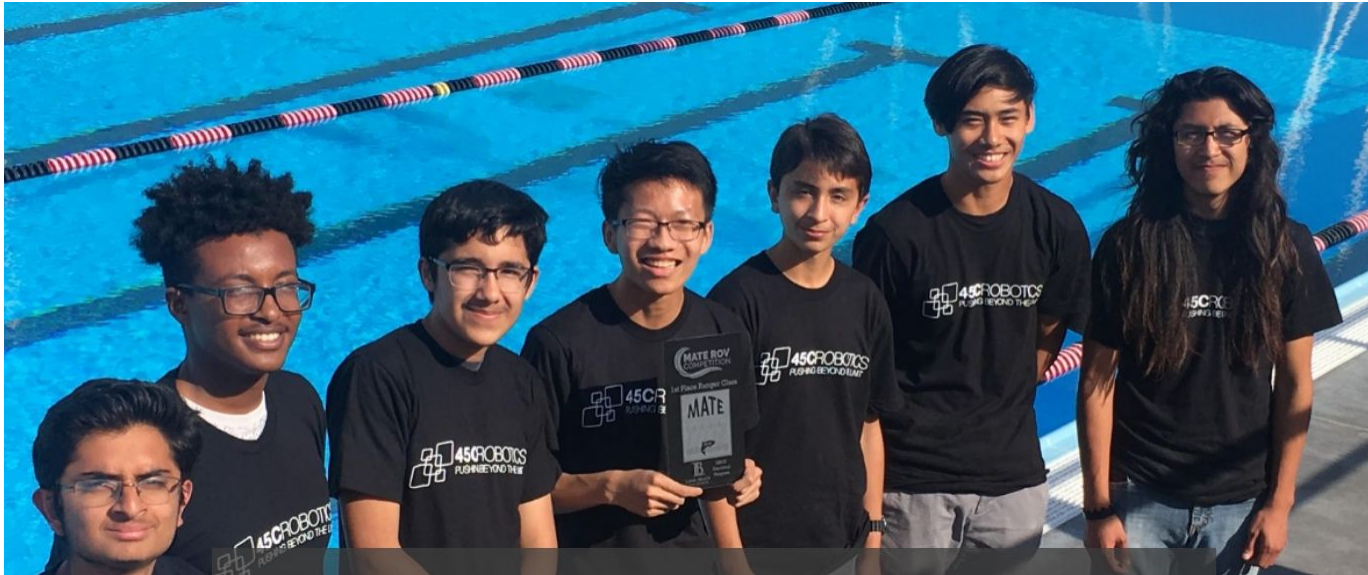


VEX Robotics

- In VEX robotics, students learn about documenting the engineering design process, and computer programming.
- VEX Robotics is the largest and fastest growing robotics program globally.
- CAMS participates in regional, state, and world competitions, and hosts tournaments as well.
- CAMS students mentor middle school VEX teams as part of our active outreach program.



EXTRA CURRICULAR ACTIVITIES- ROBOTICS NERD HERD



ROV Robotics

- Robotics Mechanical Design is an entry level robotics club designed for 9th and 10th grade.
- Students explore robotics and careers in robotics.
- Students are encouraged to compete.
- The students also participate in a Cyber-Security challenge.



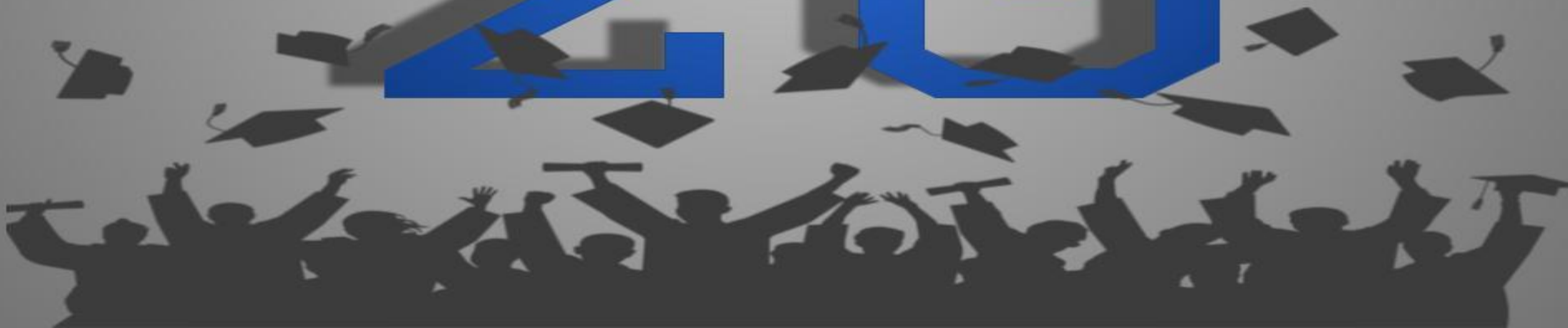
CAMS'
CLASS OF

20



SUMMARY IN NUMBERS

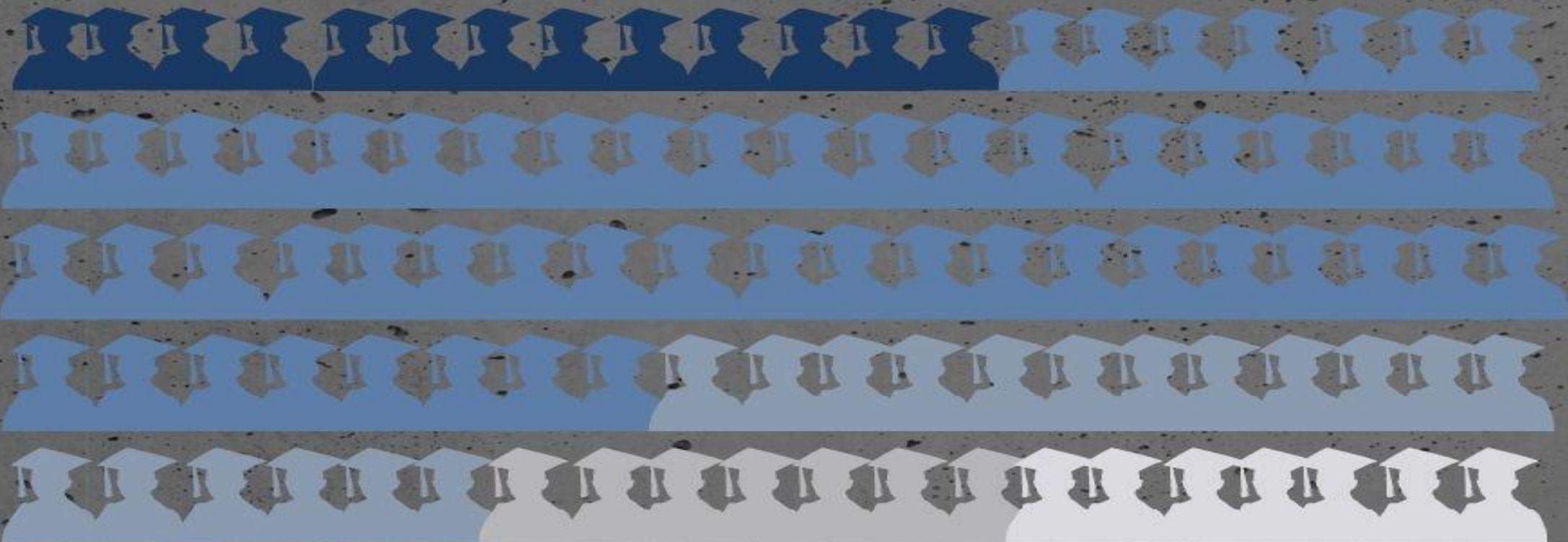
20



ACADEMIC HONORS

86%

OF THE CLASS OF
2020 GRADUATED
WITH HONORS



13% with 4.0 GPA



55% with 3.5-3.99 GPA



18% with 3.0-3.49 GPA



7% with 2.0-2.5 GPA

HIGHLIGHTS OF 2020

Due to COVID
release in March -
#'s are not accurate.
Values are higher
than they appear



Acceptances

408

College & University
Acceptance

**# not accurate; only 69
Students reported their
acceptance



Scholarships

\$5.5M

Awarded to the Class
of 2020

**# not accurate; only 42
Students reported their
acceptance



Grants

\$4M

Awarded to the Class
of 2020

**# not accurate; only 53
Students reported their
acceptance



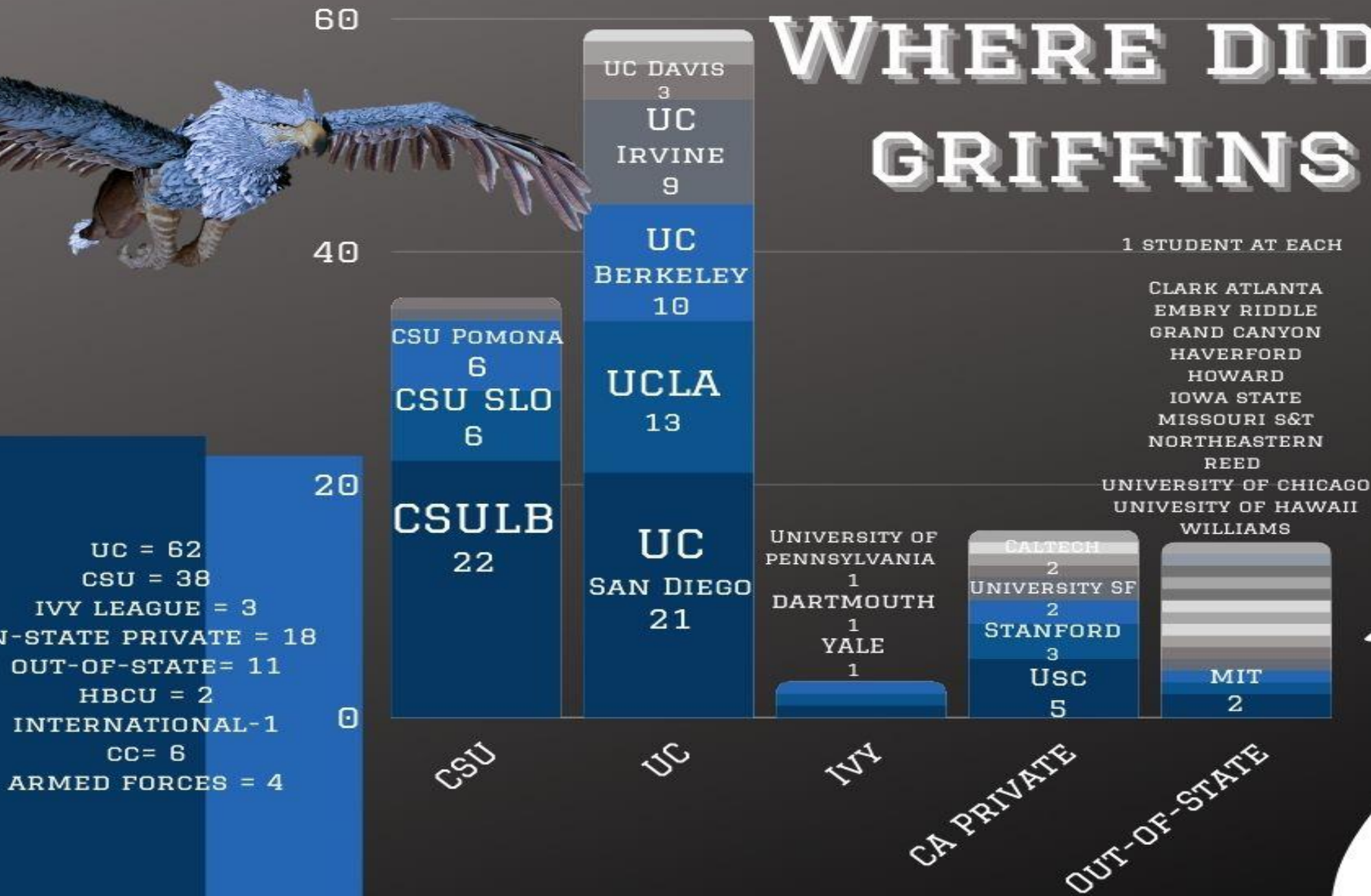
Off 2 College

97%

of the class of 2020
will be attending
college in the fall



WHERE DID THE GRIFFINS FLY?



How do we get students there....



Advance Placement	Visual/Performing Arts	STEM	Other
<ul style="list-style-type: none"> ❖ AP Seminar (11th) ❖ AP Research (12th) ❖ AP Human Geography ❖ AP Computer Science A ❖ AP Computer Science Principles ❖ AP Statistics ❖ AP Psychology ❖ AP Environmental Science ❖ AP Physics 1 & 2 ❖ AP Chemistry ❖ AP World History ❖ AP US History ❖ AP English Language 	<ul style="list-style-type: none"> ❖ Chorus ❖ Dance ❖ Art Foundations 	<ul style="list-style-type: none"> ❖ Digital Electronics ❖ Principles of Engineering ❖ Biotechnology 1-2 ❖ Engineering Design and Dev. (12th) ❖ Cybersecurity ❖ Aerospace Engineering ❖ Biotechnology 3-4 ❖ Advanced Biotechnology 	<ul style="list-style-type: none"> ❖ School Annual ❖ Student Council ❖ Fitness Classes ❖ World Languages ❖ Afternoon CSUDH Classes



❖ **Bold are STEM Capstone Courses**



INTERESTED IN APPLYING?

Minimum Requirements

- ❑ Students **MUST** reside in the CAMS attendance area
- ❑ Grade Point Average (GPA) 3.0 or better; A's or B's in Math and Science
- ❑ Successful completion of Algebra or the equivalent
- ❑ Score at the "Met" or "Exceeded" level on the California State Standards Test (SBAC)



Application Timeline

- **Two steps need to be completed:**
 - **STEP 1- Online Application**
(Student/Parent completes online) to receive an email receipt of your application you must have a Gmail account
 - **STEP 2- Download Counselor's Verification Form**
(School Counselor completes paperwork*)
 - Application Window- 11/16/20 to 12/18/20
 - Applicants will be notified in Late February
 - E-mail & U.S. Mail
- CAMS Website: *lbcams.schoolloop.com* for info**



CAMS Website: lbcams.schoolloop.com



Click here for
admissions information 

OUR SCHOOL

Admissions Information
CAMS in the Media
Daily Schedules
Directions to CAMS
ESLR
Faculty & Staff Directory
Frequently Asked Questions
How To Contact CAMS
Mission Statement
Policies and Forms
Parking & Drop-offs
WASC 2015 Self Study

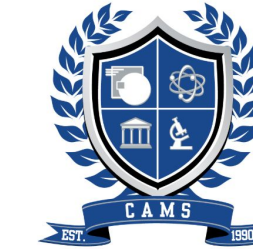
Admissions Information

2019-20 Applicant Information

Non-LBUSD Applicants please check back in September for more information on the CAMS admission process

LBUSD Applicants you will be receiving information about High School Choice in September and October through ParentVUE and your child's school.

CAMS Application Process for



LBUSD

- The following middle schools in the southeastern portion of the Los Angeles Unified School District: Bethune, Carnegie, Caroldale, Carver, Clay, Curtiss, Dana, Dodson, Drew, Edison, Fleming, Gage, Gompers, Harte, Mann, Markham, Muir, Nimitz, Peary, South Gate, White and Wilmington.
- Private/charter school students who live in the attendance area of the above middle schools are also eligible to apply.

2. Academic Requirements:

- Completion of Algebra or the equivalent
- 3.0 cumulative academic GPA for grades 6-7
- 3.0 GPA on most recent 8th grade report
- Score at the **Met** or **Exceeded** level on California State Standards Test (SBAC)

3. NON-Long Beach Applicants ONLY*: Complete our online application, which includes all parts listed below:

CAMS online application will be available on December 4th.

- Online Application: Non-Long Beach Applicants the application window will open in December 2018. (Non-LBUSD students ONLY)
- Completed counselor report **placed in a signed, sealed envelope**. The counselor report must include the following and be returned or mailed by either the counselor or parent directly to

[How to Calculate the STEM Index](#)

Non- LBUSD Application Resources

CAMS Community Day

CAMS Application Information & Counselor Verification Form

[Frequently Asked Questions](#)

CAMS Program Description (English)

CAMS Program Description (Spanish)

[How to Calculate the STEM Index](#)

[Non SBAC Exam Score Conversion Table](#)



Our website contains detailed admissions and application information



CAMS Contact Information

Dr. Julie Sparks, Assistant Principal
jsparks@lbschools.net
(310) 243-2025

lbcams.schoolloop.com

