

DATA ACADEMY

Newbury Park High School

Digital Arts Technology and Arts

Presentation to CVUSD Board of Education

May 1, 2024



What is DATA?

Newbury Park High School's "school-within-a-school" with a focus on career experience, technology and higher education.



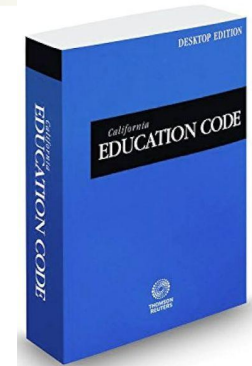
What is a California Partnership Academy?

■ Ed Code Section 54692

- 100 percent district match
- 100 percent business partner match
- At Least 50% of new students must qualify as “At-Promise”
- Career focused sequence of CTE electives

■ Reporting

- Letter of Intent due in April
- CAPAAR Annual Report and Budget due in June
- End of Project Report due in August



Program At A Glance

10th Grade:

Tech Explorations (DATA)
Biology CP (DATA)
English 10 CP (DATA)
World History CP (DATA)
Math* (Elective)
Foreign Language*
(Elective)

11th Grade:

Web Page Design (DATA)
GIS (DATA)
English 11 CP (DATA)
U.S. History CP (DATA)
Math* (Elective)
Foreign Language*
(Elective)

12th Grade:

AP Computer Science Principles (DATA)
English 12 CP (DATA)
APS/Economics
Elective*
Elective*
Elective*

*For UC/CSU eligibility, the following courses are required: *Algebra 1, Geometry, Algebra 2 and at least two terms of foreign language.*

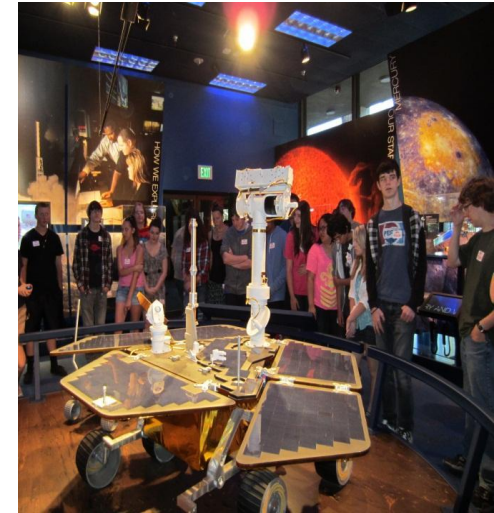
Field Trips - Sophomores

- Team Building
- UCSB
- Biotechnology Lab
- Career Speakers Day
- Museum of Tolerance
- CA Science Center



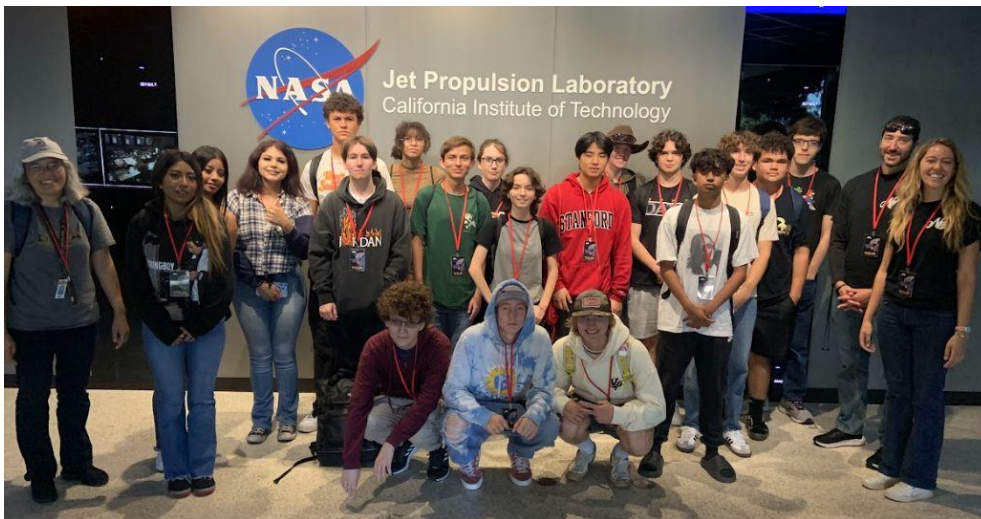
Field Trips - Junior

- JPL
- Rancho Sierra Vista Hike
- CLU
- LOGIX: Bite of Reality
- National Weather Service
- Santa Cruz Island



Field Trips - Seniors

- JPL
- CSUCI
- Grammy Museum
- MP College Computer Science
- Warner Bros Studios
- MOXI, Santa Barbara



Extra Curricular



- Extra activities each quarter
 - Spooky Movie Night (Fall)
 - Game Night (Winter and Spring)
 - Pancakes (Fall, Winter, Spring)

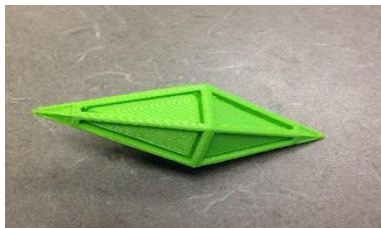
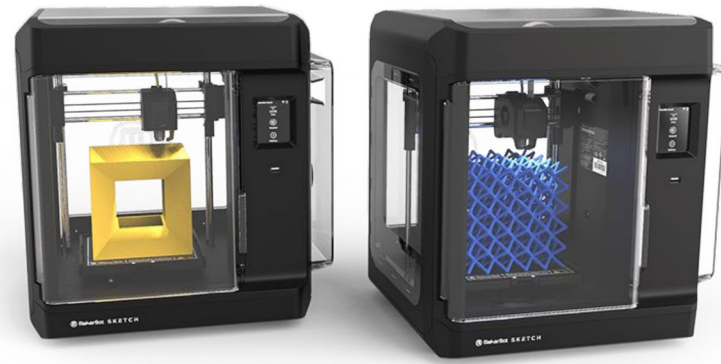


Guest Speakers



3D Printing

- We have 3 3D printers available for any DATA student to use anytime after they have had training during the Tech Explorations Course.



3D Printing

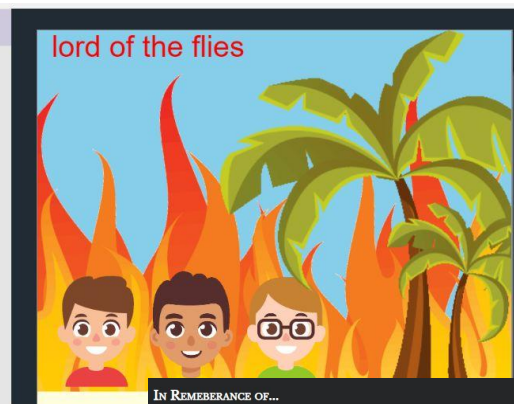
- Students will have multiple platforms to learn computer programming, including a unit on robotics



Curricular Integration

Examples: Computer Programming and English

```
3 fire.scale = 0.50;
4 var kid1 = createSprite(50, 250);
5 kid1.scale = 0.25;
6 kid1.setAnimation("kid with red shirt");
7 var kid2 = createSprite(130, 250);
8 kid2.scale = 0.25;
9 kid2.setAnimation("kid with green shirt");
10 var kid3 = createSprite(210, 250);
11 kid3.scale = 0.25;
12 kid3.setAnimation("kid with glasses");
13 var tree = createSprite(300, 150);
14 tree.scale = 0.75;
15 tree.setAnimation("tree");
16 function draw() {
17   fire.rotation = randomNumber(-5, 5);
18   background("skyBlue");
19   drawSprites();
20   noStroke();
21   fill("lightYellow");
22   rect(0, 300, 400, 400);
23   textSize(25);
24   fill("red");
25   text("lord of the flies", 12, 22);
26 }
27
```



IN REMEBERANCE OF... **GILES COREY** DONATIONS

Web Design and English

Giles Corey was a hero to many in Salem and had a level of integrity most aspires to achieve. He was a noble and brave man who stood up for what he believed in. While he was pressured by fear, he stuck to his morals and stayed true to himself, no matter what the cost was.

Born in August 1611, Giles Corey lived to be 81 years old and in September 1692, he passed away. He set an example of bravery when he vouched for his wife's innocence, even though it made him look guilty. Even when his life was in question, he did not let fear take him over and he fought for what was right. He pushed to keep his reputation and morals intact, regardless of his fate.

If there is one lesson to learn from Giles, it is to stick to what is right and not fall to fear when morals are in question.



"MORE WEIGHT"

Mentorship

- 11th grade
 - Mentor Activities on Campus (guests)
 - Mock Interviews/Career Exploration
 - Certification Fair
 - My 10 Year Plan (Get Focused Stay Focused)
 - LinkedIn Profile and Purpose Mentoring



Grade Checking & Tutoring

- All DATA students will check grades at least every 4 weeks in class.
- Students are encouraged to take advantage of the opportunities people at NPBS have worked hard to provide.
- It is recommended that students check grades informally daily.
- Any student falling behind is to come see us for ways to get help immediately!

Monday, Tuesday, Wednesday, Thursday mornings 7:45-8:15

All centers in C4 with Ms. Goodwin

Monday, Tuesday, Wednesday, Thursday at lunch

Math in D22 with Ms. Adams

Science in C4 with Ms. Goodwin

World Languages in B29 with Ms. Cazin

Writing in B12 with Ms. Bond

Monday, Tuesday, Wednesday 7th period

All Centers in D11 with Ms. Wade

- **Must Accept Tutoring Center Course Card in Canvas**
- **Extended Library Hours: Mon-Thurs 3-5pm**
- ***Individual teacher Help: See teacher**

****YOUR TEACHERS WANT TO HELP YOU****

Support System

- Family-like community provides a comfortable learning environment
- Students build strong friendship bonds
- Teachers meet regularly to discuss student concerns & successes



Questions, Comments?

