NEXT GENERATION LEARNING ACADEMY

21st century skills
(Collaboration, Communication,
Critical Thinking and Creativity)

STEAM based education (Science/ Technology/ Engineering/ Arts and Math)

5 Labs that support student pathways

Culinary Creation Lab
Outdoor Science Lab (garden)
Robotics Lab
Discovery Science Lab
Maker Space—Innovation lab

Computer Science instruction weekly

NEXT GENERATION LEARNERS





I love my school because of all the labs we have!— Hope Hall (1st grade)

Del Obispo rocks! We get to do Scratch (coding) and robotics at school! — Dylan Heck (5th grade)

I wish my older son was at Del Obispo now. It could have geared his passions towards robotics or coding. — Megan Lee (parent)



Del Obispo Elementary School Next Generation Learning Academy

Providing pathways now for future leaders!



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Del Obispo at a Glance

- Del Obispo Elementary is one of the seven unique Capoforward schools in the Capistrano Unified School District.
- Del Obispo is a <u>S.T.E.A.M.</u> centered school with an emphasis on helping young students discover career pathways in science, technology, engineering, the arts, and mathematics.
- Currently, we have two classes per grade, allowing teachers to collaborate and students the opportunity to <u>build</u> attachments with peers and staff.
- Schoolwide <u>Positive Behavior</u> Intervention and Support system.





Highlights

- 1:1 Chromebooks for all students in grades 1—5
- Dedicated classroom iPads for all kindergarten students.
- Five Pathway Labs:
- \Rightarrow Culinary Creation Lab
- ⇒ Discovery Science Lab
- ⇒ Robotics Lab
- ⇒ Outdoor Science Lab and Garden
- ⇒ Maker Space— Innovation Lab
- Robotics lab features Lego education kits and Sphereos.
- Active partnership with Discovery Education Science and Meet the Masters
- Code Campus computer science for all students





Outcomes and Goals

- Students <u>build hands on experience</u> and interests in STEAM, preparing them for future career pathways.
- Strong skills and abilities to navigate <u>collaborative technology platforms</u> such as Google using Google docs, Google slides, Google classroom, Scratch and Python.
- Students will be proficient at using the 4 C's of 21st century skills (Collaboration, Communication, Critical Thinking and Creativity).
- Students will be better prepared to <u>fill the nearly 1.8 million person</u> <u>workforce gap</u> in 2022
- Students will be prepared and ready to face the challenges of the ever changing 21st century global marketplace.