Clark students experience further success when they participate in robotics, engineering, digital arts, CAM (Computer Aided Manufacturing), and Marine Science Research programs, where they creatively apply skills mastered in the core academic subjects to new, high skill, high need, high wage career pathways.

Multi-year winner of the Lexus Eco Challenge

SUCCESS

SIGNIFICANT ACHIEVEMENTS AND AWARDS

- **30 Most Successful High Schools in America, 2004**
  International Center for Leadership in Education
- **California Distinguished School Award, 2005 & 2009**
  Awarded to schools that demonstrate significant gains in closing the achievement gap
- **Exemplary Career Technical Education Award, 2005**
- **National Blue Ribbon School, 2006 & 2012**
  A six year award given to top 1% of High Schools Nationwide
- **Steve Allen "Excellence in Education Award," 2007 & 2013**
- **US News and World Report, Ranking of High Schools, 2010 & 2014**
  Recognized with Silver Award, ranking Clark among top 3% of American High Schools
- **Title I High Achieving School: 2008, 2009, 2010, 2011, 2012 & 2013**
- **National Grand Prize Winner: *Lexus Eco-Challenge,* 2011**
  Also, First Prize Winner 2007, 2012, 2013 & 2014

Congratulations on Anderson W. Clark Magnet High School being named a 2012 Blue Ribbon School by he U.S. Department of Education.

Education is essential to the growth of our nation, and this award represents your school's commitment to providing a quality education for your students. I send my thanks to you, your faculty and staff, as well as your students and your families for the excellence in education that you strive for, each and every day.

Congratulations again on this remarkable achievement.

Sincerely,

Barbara Boxer
Barbara Boxer
United States Senator

CLARK ATHLETES PLAY FOR THEIR HOME SCHOOLS

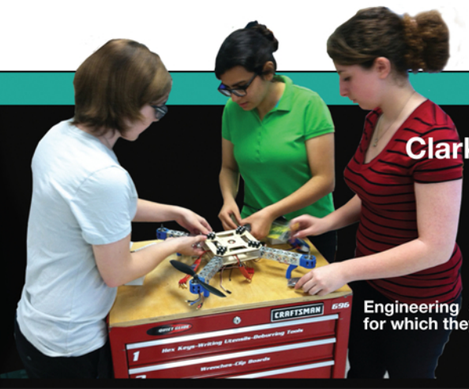
Because Clark has no interscholastic sports program, Clark athletes are eligible to participate in the full range of sports programs within their neighborhood schools.

INTRAMURAL SPORTS @ CLARK

A big part of Clark Magnet's culture is its comprehensive intramural sports program--one of only two in California. All students can sign up for tournaments several times a year in the major sports, with boys, girls, or mixed teams. Trophies are awarded to the winning teams.

Senior Barbeque

Clark's annual *"Clarktoberfest"*



Engineering students working on original quadcopter for which they manufactured all the parts

Clark Magnet High School
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La Crescenta, CA 91214
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CLARK MAGNET

CLARK MAGNET HIGH SCHOOL

GLENDALE UNIFIED SCHOOL DISTRICT

PREPARING OUR STUDENTS FOR *THEIR* FUTURE !

Clark's academic faculty has consistently provided students with the foundations in literacy, creativity, and critical thinking, essential to meeting the Common Core State Standards. It is this dedication that seals the commitment of Clark's students to be successful, life-long learners.

"At Clark, career and technical education (CTE) is for every student but more important so are the arts and the humanities....Clark Magnet is an amazing example of what is possible in America's schools in terms of student engagement, performance, equality and equity."

Jim Brazell
Contributor to *Edutopia*.org, technology forecaster, author

On the Value of the Senior Project

"Presenting in front of the staff and judges kindled my passion for teaching and gave me the confidence I needed to pursue my career as an educator...it was the initial step toward my teaching career."

Zarui Yerkanyan '05
Math teacher in LAUSD

CAREER OPPORTUNITIES

CLARK MAGNET: A BRIEF DESCRIPTION

With a unique curriculum and safe, clean environment, Clark Magnet attracts students with a wide range of abilities from all backgrounds. Areas of strength in the school include collaborative, project-based learning, full integration of advanced technology within the academic curriculum, and preparing students for lifelong learning.

In a personalized learning environment, Clark Magnet emphasizes mathematics, science, technology, engineering, arts and humanities. Clark Magnet is supported by the business, educational and technical resources of a large suburban region.

Clark Magnet is designed for learners who want a challenging and rigorous curriculum to prepare them for advanced education and the high skill, technology-oriented jobs of the 21st century.

In this environment, Clark's students excel. For these reasons, Clark Magnet High School has been honored with many of the nation's highest educational awards.

ROBOTICS / ENGINEERING PATHWAY

The engineering pathway is an avenue for students to apply their creativity and problem-solving skills through innovative and collaborative projects.

9 All students gain exposure to autonomous robot programming in the **Technical Literacy** class.

10 Students may enter a three year course sequence beginning with **Introduction to Engineering**, which focuses on engineering design, mechanical principals, programming, and CAD.

11 Students enroll in **Principles of Engineering** which explores manufacturing processes and product development.

12 The final course, **Computer Aided Manufacturing,** is taken during the 12th grade year and features training and certification on advanced manufacturing software and equipment including CNC milling machines and lathes.

Clark Magnet participates in USFIRST robotics

THE SENIOR PROJECT

The Senior Project, the culminating experience of the Clark Magnet High School Program, is a year long, in-depth exploration of a possible career, a hobby, or an academic interest.

It begins with the writing of a **Research Paper** and moves to the developing of an actual **Product** requiring extensive field work and professional mentoring. A synthesizing **Portfolio** documenting all work in progress is kept.

During the **Oral Boards** the entire project is presented, questions from judges addressed, and insights shared.

EXPECTED SCHOOLWIDE LEARNING RESULTS

Upon graduation, all Clark Magnet students will be:

Creative thinkers
Self-directed learners
Effective communicators
Cooperative team members
Informed and responsible citizens

GEOSPATIAL TECHNOLOGIES PATHWAY

Geology of Disasters Using geographic information science technology such as **ArcGIS** and FEMA's Hazus-MH, participants analyze the effects of natural disasters.

Marine Science Research Students learn to use tools and procedures for scientific research. They operate remotely operated vehicles, sonar, use **GPS** and **GIS** to collect and analyze data for original research projects. Biotechnology and bioinformatics are taught in the Barcoding Life's Matrix program.

Environmental GIS Students take their research projects to the next level in science competitions. EnvGIS students have been named regional and national winners over a dozen times, with awards totaling over $300,000 to date.

DIGITAL & VISUAL ARTS STRANDS

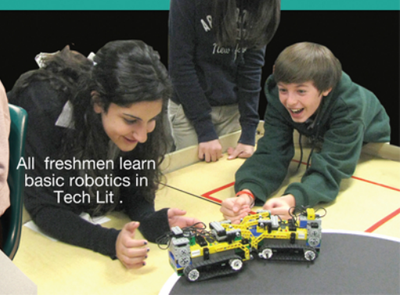
ANIMATION
AVID VIDEO EDITING
CINEMATOGRAPHY
DIGITAL DESIGN
PHOTOGRAPHY
PUBLICATIONS

Collaborative learning promotes motivation, achievement, pride in accomplishment.

Freshmen with their affordable, award-winning working robotic hand !

Annual Bridge-building Competition

Award-winning Visual Arts Department



All freshmen learn basic robotics in Tech Lit .