

### Best Colleges and University Surveys (Annual)

U.S. News & World Report

<https://www.usnews.com/best-colleges>

Forbes America's Top Colleges

<https://www.forbes.com/forbes/welcome/?toURL=https://www.forbes.com/top-colleges/list/&refURL=https://www.bing.com/&referrer=https://www.bing.com/>

Kiplinger's Best College Values

<http://www.kiplinger.com/fronts/special-report/college-rankings/index.html>

Top 50 Colleges and Universities in America

The Best Colleges

<http://www.thebestcolleges.org/rankings/top-50/>

### Local High School College and Career Web Resources

(Sampling of local high school web sites. All schools have similar pages. Outstanding list of resources.)

Amador High School

<https://sites.google.com/a/pleasantonusd.net/amador-valley-career-center/>

Dublin High School

<http://www.dublin.k12.ca.us/Page/933>

Livermore High School

<http://livermorehs.schoolloop.com/cc>

San Ramon Valley High School

[http://www.srvhs.net/apps/pages/index.jsp?uREC\\_ID=57682&type=d&pREC\\_ID=653925](http://www.srvhs.net/apps/pages/index.jsp?uREC_ID=57682&type=d&pREC_ID=653925)

### College Search Engines

Explore Schools - CaliforniaColleges.edu

[https://secure.californiacolleges.edu/College\\_Planning/Explore\\_Schools/default.aspx](https://secure.californiacolleges.edu/College_Planning/Explore_Schools/default.aspx)

College Search - Big Future

<https://bigfuture.collegeboard.org/college-search>

College Scorecard - U.S. Department of Education

<https://collegescorecard.ed.gov/>

College Confidential

[http://www.collegeconfidential.com/college\\_search/](http://www.collegeconfidential.com/college_search/)

Find the School That's Right for You - eCollegeFinder.org

<https://www.ecollegefinder.org/>

### Skilled Trade Apprenticeships

Cal Apprenticeship.org – California Apprenticeship Coordinators Association

<http://calapprenticeship.org/>

Apprenticeship Programs Information Guide - California Dept. of Industrial Relations

<https://www.dir.ca.gov/databases/das/descOfAppr.html>

Apprenticeship USA - U.S. Department of Labor

<https://www.dol.gov/featured/apprenticeship>

### California Public Colleges and Universities, the Western Undergraduate Exchange (WUE), and the Common Application

Diablo Valley College (DVC) College Connect (college classes for high school students)

(Partnership between DVC and San Ramon Valley school district.)

[http://www.srvusd.k12.ca.us/cms/page\\_view?d=x&piid=&vpid=1460888597204](http://www.srvusd.k12.ca.us/cms/page_view?d=x&piid=&vpid=1460888597204)

Las Positas Middle College (college classes for high school students)

(Partnership of Las Positas and Dublin, Livermore and Pleasanton school districts.)

<https://www.tvrop.org/middle-college>

California Community Colleges

<http://www.cccco.edu/>

California Colleges Transfer Information

[www.assist.org](http://www.assist.org)

(Official repository of articulation for California's public colleges and universities. Identifies pre-requisites for transferring from a California Community College to California four year institutions.)

Additional Community College Resources:

- Many community colleges have cross-registration programs with partner schools (CSU and UC) to take courses at community college rates. Please check specific schools for their partner programs.
- Community colleges allow high school students to take courses for \$1/unit. Check your local community college website and search for "High School" or "Concurrent Enrollment" options.

California State University (CSU)

<https://www2.calstate.edu/>

CSU Admissions: <https://www2.calstate.edu/apply>

CSU Transfer Agreement: <http://www.calstate.edu/transfer/degrees/>

(Information regarding transfers between California Community Colleges and CSU.)

University of California (UC)

<https://www.universityofcalifornia.edu/>

UC Admissions: <http://admission.universityofcalifornia.edu/>

Achieving UC: <http://achieve.universityofcalifornia.edu/>

UC Transfer Admissions: <http://admission.universityofcalifornia.edu/transfer/guarantee/>

UC Berkeley Center for Educational Equity and Excellence (Ce3)

[ce3.berkeley.edu](http://ce3.berkeley.edu)

(Resources for current and prospective 1st generation, underrepresented, and undocumented students, as well as for transfer, re-entry, and student parents.)

Western Undergraduate Exchange (WUE)

(Listing of universities in the western US that provide discounted out-of-state tuition.

Restrictions apply and vary by each participating university.)

<http://www.wiche.edu/wue>

The Common Application

<http://www.commonapp.org/>

(Common application system for nearly 700 U.S. colleges and universities. Planning resources included.)

## **Saving for College**

An Introduction to 529 Plans - U.S. Securities and Exchange Commission

<https://investor.gov/introduction-investing/basics/investment-products/saving-education-529-plans> and

<https://investor.gov/additional-resources/general-resources/publications-research/info-sheets/introduction-529-plans>

Qualified Tuition Program (529 Plans) - Internal Revenue Service (IRS)

<https://www.irs.gov/publications/p970/ch08.html>

Research and Compare 529 Plans - Savingforcollege.com

[http://www.savingforcollege.com/intro\\_to\\_529s/what-is-a-529-plan.php](http://www.savingforcollege.com/intro_to_529s/what-is-a-529-plan.php)

College Savings 101 - US News and World Report

<https://www.usnews.com/education/best-colleges/paying-for-college/features/college-savings-101>

Scholarshare - California's 529 College Savings Plan

<https://www.scholarshare.com/>

Beginner's Guide to UGMA and UTMA Custodial Accounts - The Balance

<https://www.thebalance.com/beginners-guide-to-ugma-and-utma-custodial-accounts-4060475>

Rules for Custodial Roth IRAs - The Nest

<http://budgeting.thenest.com/rules-custodial-roth-ira-29120.html>

Roth IRAs - IRS

<https://www.irs.gov/retirement-plans/roth-iras>

Research various 529-link credit cards. Cash back awards from credit card expenditures are deposited into your 529 account. You can also opt to have cash back deposited into your IRA (subject to your income-based contribution restrictions) or brokerage account.

## Financial Aid

Federal Student Aid - U.S. Department of Education

(Provides information on choosing a college, careers, etc.)

<https://studentaid.ed.gov/sa/>

<https://www.ed.gov/category/subject/student-financial-aid>

Budgeting: <https://studentaid.ed.gov/prepare-for-college/budgeting/creating-your-budget>

Types of Loans: <https://studentaid.ed.gov/types/loans>

Grants & Scholarships: <https://studentaid.ed.gov/types/grants-scholarships>

Free Application for Federal Student Aid (FAFSA): <https://fafsa.ed.gov/>

Tips on Completing the FAFSA (includes a helpful video): <https://studentaid.ed.gov/fafsa>

The Smart Student Guide to Financial Aid - FinAid!

(A comprehensive source of student financial aid information, advice and tools.)

<http://www.finaid.org>

California Student Aid Commission - State of California

(Cal Grants, Dream Act and more.)

<http://www.csac.ca.gov/>

<https://mygrantinfo.csac.ca.gov/>

College Financial Aid Programs - Go College

<http://www.gocollege.com/financial-aid/>

Scholarships, Grants, Student Loans & More - Financial Aid Finder

<http://www.financialaidfinder.com/>

College Scholarships - Scholarships.com

<https://www.scholarships.com/financial-aid/college-scholarships/>

FastWeb

<http://www.fastweb.com>

(Free scholarship & financial aid search engine.)

Expected Family Contribution (EFC) Calculator

<https://bigfuture.collegeboard.org/pay-for-college/paying-your-share/expected-family-contribution-calculator>

### Financial Management and Investing Resources

Federal Reserve Board Personal Finance

<https://cals.arizona.edu/sfcs/personalfinance/introduction.html>

Introduction to Investing, Investor.gov, U.S. Securities & Exchange Commission

<https://investor.gov/introduction-investing>

Fidelity Investments Learning Center

<https://www.fidelity.com/learning-center>

Charles Schwab Workshops

<https://client.schwab.com/public/workshops>

TD Ameritrade Investor Education

<https://www.tdameritrade.com/education.page>

Vanguard Investor Education

<https://investor.vanguard.com/investing/investor-education>

Investopedia

<http://www.investopedia.com/>

### Greater Bay Area STEM Programs and Activities

Tri Valley Regional Occupation Program (TVROP)

(Dublin, Livermore and Pleasanton School Districts)

<https://www.energy.gov/science-innovation/science-education>

(See TVROP Get Set [Girls Exploring Technology, Science and Engineering Together].)

Department of Energy National Science Bowl for Middle School and High School

National website <https://science.energy.gov/wdts/nsb/>

Alameda and Contra Costa Counties: Sandia National Laboratories/Los Positas Regional Science Bowl, Las Positas College, Livermore

Middle School: [https://science.energy.gov/wdts/nsb/regional-competitions/middle-school-regionals/ca\\_sandia\\_las-positas-regional-middle-school-science-bowl/](https://science.energy.gov/wdts/nsb/regional-competitions/middle-school-regionals/ca_sandia_las-positas-regional-middle-school-science-bowl/)

High School: [https://science.energy.gov/wdts/nsb/regional-competitions/high-school-regionals/ca\\_sandia-las-positas-regional-high-school-science-bowl/](https://science.energy.gov/wdts/nsb/regional-competitions/high-school-regionals/ca_sandia-las-positas-regional-high-school-science-bowl/)

Alameda County Science & Engineering Fair  
<http://acsef.org/>

Contra Costa County Science & Engineering Fair  
<https://www.ccpartnership.org/fairs-camps/>

Science on Saturday Lectures - Lawrence Livermore National Laboratory  
(suitable for middle school age to adult)  
Bankhead Theater, Livermore (Annually in February)  
<https://education.llnl.gov/programs/science-on-saturday>  
Archived lectures viewable via the web on UCTV  
<http://www.uctv.tv/series/?show=show&number=182>

Science on Screen - Lawrence Livermore National Laboratory  
The State Theater, Modesto  
<http://www.thestate.org/youth-ed/science-on-screen>

Science in the Theater - Lawrence Berkeley National Laboratory  
(archived lectures on You Tube)  
<https://www.youtube.com/playlist?list=PL10F61E434B646DE1>

YouSTEM for San Francisco Bay Area  
(local STEM opportunities for K-12 students)  
<http://youstem.org/main/discover/>

### Greater Bay Area Science and Technology Museums

Exploratorium  
San Francisco  
<https://www.exploratorium.edu/>

California Academy of Science  
San Francisco  
<http://www.calacademy.org/>

Chabot Space and Science Center  
Oakland  
<http://www.chabotspace.org/index.htm>

Lawrence Hall of Science  
Berkeley  
<http://www.lawrencehallofscience.org/>

NASA Ames Visitor Center  
Mountain View  
<http://www.nasa.gov/centers/ames/home/exploration>

Moffett Field Historical Museum  
Mountain View  
<http://www.moffettfieldmuseum.org/>

Foothill Observatory  
Los Altos Hills  
<http://www.foothill.edu/ast/fhobs.php>

LICK Observatory, Summit of Mount Hamilton  
Mt Hamilton  
<http://www.ucolick.org/>

Hiller Aviation Museum  
San Carlos  
<http://www.hiller.org/>

The Tech Museum of Innovation  
San Jose  
<https://www.thetech.org/>

Children's Discovery Museum of San Jose  
San Jose  
<https://www.cdm.org/>

Computer History Museum  
Mountain View  
<http://www.computerhistory.org/>

Intel Museum  
Santa Clara  
<http://www.intel.com/content/www/us/en/history/museum-visiting-intel.html>

USGS Pacific Coastal and Marine Science Center  
Menlo Park  
<http://walrus.wr.usgs.gov/>

The USS Hornet Museum  
Alameda  
<http://www.uss-hornet.org/>

Lindsay Wildlife Museum  
Walnut Creek  
<http://wildlife-museum.org/>

Monterey Bay Aquarium  
Monterey  
<http://www.montereybayaquarium.org/>

World of Wonders Science Museum  
Lodi  
<http://wowsciencemuseum.org/>

Monterey Bay Aquarium  
Monterey  
<http://www.montereybayaquarium.org/>

### **Girl-Serving STEM Programs**

Expanding Your Horizons Network  
Find a Conference (several conferences offered in the Bay Area)  
<http://www.eyhn.org/find-a-conference>

PBS SciGirls  
<http://pbskids.org/scigirls/home>

Engineering Girl  
<https://www.engineergirl.org/>

Engineer Your Life  
<http://www.engineeryourlife.org/>

Girls Who Code  
(Includes search function for local clubs)  
<https://girlswhocode.com/>

Techbridge Girls  
<http://www.techbridgegirls.org/>

Society of Women Engineers K-12 Outreach  
<http://societyofwomenengineers.swe.org/k-12-outreach>



Association for Women in Science (AWIS)

<http://www.awis.org/>

Biographies of Women Scientist: For Girls and Young Women

Library of Congress

<http://loc.gov/rr/scitech/SciRefGuides/biowomen.html>

Inspiring Stories of Women in STEAM: Sally Ride Science @UC San Diego

<https://www.sallyridescience.com/uctv/tam-on-steam/>

Math books by Danica McKellar are excellent resource for girls, teachers and parents. They are geared for girls in middle school and early high school.

- Math Doesn't Suck – how to survive middle school math <http://mathdoesntsuck.com/>
- Kiss my Math – showing algebra who's boss <http://www.kissmymath.com/>
- Hot X – Algebra Exposed! <http://danicamckellar.com/hotx/>

### Other Student STEM Resources

University of California

Mathematics, Engineering, Science Achievement (MESA)

<http://mesa.ucop.edu/>

California State University

STEM Engaged Learning

<http://www.calstate.edu/cce/stem/making-an-impact/inspiring/>

National Association of Math Circles

<http://www.mathcircles.org/>

Odyssey of the Mind

<http://odysseyofthemind.com/p/>

How to Smile, online STEM activities

[www.howtosmile.org](http://www.howtosmile.org)

First Robotics Competition

<http://www.firstinspires.org/>

American Association for the Advancement of Science (AAAS) Science Netlinks

<https://www.aaas.org/program/science-netlinks>

American Physical Society (APS) Education Programs

<http://www.aps.org/programs/education/index.cfm>

American Chemical Society (ACS) Education Programs

<https://www.acs.org/content/acs/en/education.html>

IEEE Education Programs

[http://www.ieee.org/education\\_careers/index.html](http://www.ieee.org/education_careers/index.html)

NASA for Students

<https://www.nasa.gov/audience/forstudents/index.html>

Department of Energy Science Education

<https://www.energy.gov/science-innovation/science-education>

US Geological Survey Education Resources

<https://education.usgs.gov/>

Zone 7 Water District Kids Zone

<http://www.zone7water.com/events-resources/kids-zone>

Engineering Pathways

<http://www.engineering-pathways.org/>

DiscoverE

<http://www.discovere.org/>

Ask Dr. Math

<http://mathforum.org/dr.math>

Purple Math

<http://www.purplemath.com>

Khan Academy

<https://www.khanacademy.org>

Hand2Mind

<http://www.hand2mind.com>

How Stuff Works

<http://www.howstuffworks.com>

Brain POP™

<http://www.brainpop.com>

Kids Design Network

<http://www.dupagechildrensmuseum.org/kdn/index.html>

Kidsites For Parents

[http://www.kidsites.org/search/family\\_parenting/fun\\_stuff/index.html](http://www.kidsites.org/search/family_parenting/fun_stuff/index.html)

Science For Families

<http://scienceforfamilies.allinfo-about.com>

The Carnegie Mellon Robots Academy

<http://www.education.rec.ri.cmu.edu>

Imagiverse

<http://www.imagiverse.org>

National STEM Video Game Challenge

<http://www.stemchallenge.org/stem/#/home>

eGFI: Dream Up the Future

<http://www.egfi-k12.org>

### STEM Camps (Bay Area and Beyond)

American Association of University Women (AAUW)

Teck Trek summer camp

<http://www.aauw.org/what-we-do/stem-education/tech-trek/>

Education Unlimited (some all-girl, some coed camps) <https://www.educationunlimited.com/>

Science Camp for Girls (Stanford, UC Berkeley, + others around the US):

<https://www.educationunlimited.com/camp/75>

Computer Camps: <https://www.educationunlimited.com/camp/15>

iD Tech Camps (some all-girl, some coed)

<https://www.idtech.com/>

Chabot Space & Science Center, Oakland

<http://www.chabotspace.org/summer-camp.htm>

Marine Summer Camp, Marine Science Institute, Redwood City

<http://www.sfbaymsi.org/marine-science-camp>

Ocean Explorers Summer Camp, Seymour Marine Discovery Center, Santa Cruz

<http://seymourcenter.ucsc.edu/learn/youth-teen-programs/ocean-explorers-summer-camp/>

Schmahl Science Camps/Summer Research Camp, Los Gatos and San Jose  
[http://www.newprod.schmahlsience.org/?page\\_id=85](http://www.newprod.schmahlsience.org/?page_id=85)

Lawrence Hall of Science, Berkeley  
[http://www.lawrencehallofscience.org/visit/camps\\_and\\_classes/summer\\_camps](http://www.lawrencehallofscience.org/visit/camps_and_classes/summer_camps)

Engineering Possibilities in College (EPIC) summer camp  
Cal Poly, San Luis Obispo [grades 6-11]  
<https://epic.calpoly.edu/>

California State Summer School for Math & Sciences (COSMOS)  
[for entering 9<sup>th</sup>-12<sup>th</sup> grade]  
<https://cosmos-ucop.ucdavis.edu/app/main/>