DeAnza College ACADEMY

SUMMER YOUTH ENRICHMENT PROGRAM FOR GRADES K-12

• ON CAMPUS AND ONLINE •

LEGO ROBOTICS • 3D PRINTING AND PROTOTYPING • ART CAMPS • BASKETBALL SKILLS AND DRILLS • MATH MASTERY • SPACE SCIENCE LAB • CHEMISTRY FUNDAMENTALS • DEBATE AND CRITICAL THINKING • ESSENTIAL WRITING TECHNIQUES • BEGINNING SPANISH • *AND MORE!*

enroll now

deanza.edu/academy

A SUMMER OF DISCOVERY ON CAMPUS!

This summer, your student will experience the thrill of learning on a **real college campus!** Our four-week **enrichment program** for middle and high school students provides **skill-based instruction** in a **vibrant campus environment**. Here's what makes our program truly special:

- **IMMERSIVE COLLEGE EXPERIENCE:** Students learn in modern **college classrooms** surrounded by scenic **fountains,** lush **landscapes** and outdoor **artwork** – sparking inspiration at every turn.

- **STATE-OF-THE-ART FACILITIES:** Classes include hands-on learning in specialized spaces like our **planetarium**, **3D printing lab**, **art gallery** and **sports facilities**.

- **CONVENIENCE AND SECURITY:** Parents enjoy easy, **stress-free pickup** and drop-off, free parking on campus, and ample supervision to ensure your **peace of mind** while your student focuses on **learning and having fun.**

- **A GLIMPSE OF THE FUTURE:** From **cutting-edge technology** to engaging classes taught by **expert instructors**, your student will have a **great experience** and a sneak peek into what college is all about!

Don't miss out on this incredible opportunity. Spaces fill quickly – secure your spot today.

DeAnza College
ACADEMY

GENERAL REGISTRATION INFORMATION

Welcome to the De Anza College Summer Youth Enrichment Program

We offer a wide selection of in-person and online, fee-based, noncredit enrichment classes – many involving hands-on projects – designed for students entering grades K-12.

Registration Dates

K-5 Art Camps: Registration opens Feb. 18
(see online listing for registration closing date)

Grades 6-8 and 9-12 (on campus): Feb. 18-June 26

Grades 9-12 (online coding camps): Feb. 18-June 20

Program Class Dates

**Art Camps (Grades K-5): weeklong camps begin
June 16, June 23, July 7 and July 14**

De Anza Campus (Grades 6-8 and 9-12): June 30-July 25

Online (Grades 9-12): June 23-July 25

What are the QUALIFICATIONS of the instructors?
Our highly experienced, credentialed instructors come from universities, colleges, public and private high schools, and K-12 districts.

WHERE are classes held?
In-person classes for grades 6 to 12 will be held at De Anza College Campus.

Online classes will meet via Zoom and Canvas, our online learning platform.

How can students ENROLL in the program?
Visit **deanza.edu/academy** to review program details and check class availability.

These one-week art camps will be taught in person at West Valley Elementary School in Sunnyvale.
(Location will be confirmed at time of registration.)

Why should you sign your child up for an art camp?

Our summer art camps nurture creativity, boost problem-solving skills and enhance self-expression – all while providing a fun and engaging outlet for your child's imagination. It's a wonderful way for kids to develop confidence and explore new artistic techniques! Camps are offered at different times for different grade levels; check the schedule grid for details.

DRAWING AND PAINTING CAMP

Students will explore drawing and painting from observation and the imagination. They'll learn how to use different art tools and draw what they see, step-by-step. They'll also have fun building their technical and creative thinking skills and bringing their ideas to life!

Art and Design courses are offered in partnership with the Euphrat Museum of Art

deanza.edu/euphrat

EUPHRAT
MUSEUM OF ART

CLAY AND SCULPTURE CAMP

Students will learn to build sculptures and work with different kinds of clay and other materials to create original works of art. They'll learn and practice a variety of three-dimensional construction techniques and enhance their visual thinking and problem-solving abilities.

MEET THE INSTRUCTOR: LYDIA SANCHEZ

Award-winning artist Lydia Sanchez has been teaching in programs at the Euphrat Museum of Art for 15 years and is the longtime, year-round art school teacher at West Valley Elementary in the Cupertino Union School District. She has presented numerous workshops and classes for educators and creators, and is often commissioned to create new works honoring people's beloved pets. Sanchez attended De Anza College and holds a bachelor's degree in Studio Art from San José State University.

CAMP SCHEDULE ENTERING GRADES K-5	DATES	TIME	LOCATION	FEE PER CAMP SESSION
Grades K-1: Drawing and Painting	June 16-20	9 a.m.-Noon	*West Valley Elementary School	$375
Grades 2-3: Drawing and Painting	June 23-27	9 a.m.-Noon	*West Valley Elementary School	$375
Grades 4-5: Clay and Sculpture	July 7-11	9 a.m.-Noon	*West Valley Elementary School	$375
Grades 2-3: Clay and Sculpture	July 14-18	9 a.m.-Noon	*West Valley Elementary School	$375

*Class location will be confirmed online during registration.

These four-week classes will be taught in person on the De Anza College campus.

ART AND GRAPHIC DESIGN

CREATIVE CANVAS: DRAWING AND PAINTING STUDIO

Entering Grades 6-8 – Dive into a world of color, creativity and imagination! With guidance from an expert instructor, students will practice contemporary and traditional drawing and painting techniques and approaches. A variety of media will be used – including graphite, color pencil, acrylic and watercolors. Students will work to strengthen their observational and creative thinking skills and expand their artistic abilities. Get ready to unlock your student's artistic potential and have fun along the way!

GRAPHIC GENIUS: DIGITAL ART AND DESIGN

Entering Grades 6-8 –Learn how to use the latest software to create everything from eye-catching social media graphics to stunning logos, posters and digital illustrations. Students in this class will express and communicate their own ideas, and interpret and analyze the work of today's top graphic designers and digital artists, while developing the skills to turn their imagination into awesome digital art.

- Students should bring a USB flash drive for saving work. This course includes classroom use of laptop computers.

Art and Design courses are offered in partnership with the Euphrat Museum of Art

deanza.edu/euphrat

EUPHRAT
MUSEUM OF ART

ATHLETICS

BASKETBALL SKILLS AND DRILLS CAMP

Entering Grades 6-8 – Get ready to elevate your basketball game, with expert coaching from the De Anza College men's basketball staff! Designed for middle school students, this four-week camp focuses on building fundamental skills through engaging drills and training sessions. Players will practice developing their shooting, dribbling, passing and defense under the guidance of experienced college coaches. Each one-hour session is designed to help young athletes grow their confidence on the court while learning teamwork and game strategy. Whether they are new to basketball or looking to sharpen their skills, this camp provides a fun and supportive environment for students to learn from the best and improve their game.

COMPUTER PROGRAMMING AND ENGINEERING

LEGO COMPUTER ROBOTICS AND CODING: MINDSTORMS EV3

Entering Grades 6-8 – Bring LEGO® creations to life in this fun and hands-on robotics class! Perfect for beginners, the class will teach how to design and code for robots, using the LEGO® Mindstorms® EV3 robotics system with Scratch programming software. Students will build awesome robots with motors, sensors and LEGO® Technic™ pieces, then tackle exciting game challenges and coding experiments. Whether your student is a budding engineer or just loves LEGO®, this class will boost their problem-solving and tech skills while they have a blast completing weekly challenges.

These four-week classes will be taught in person on the De Anza College campus.

PYTHON PROGRAMMING FOR BEGINNERS [2 HOURS]

Entering Grades 6-8 – This course introduces students to basic elements of the Python programming language, including data types, control structures, algorithm development and program design with functions. Students will be defining new object classes, creating interactive applications with buttons, learning about animation and creating an interactive game using Python. The instructor will also cover fundamental principles of object-oriented programming, as well as data and information processing techniques.
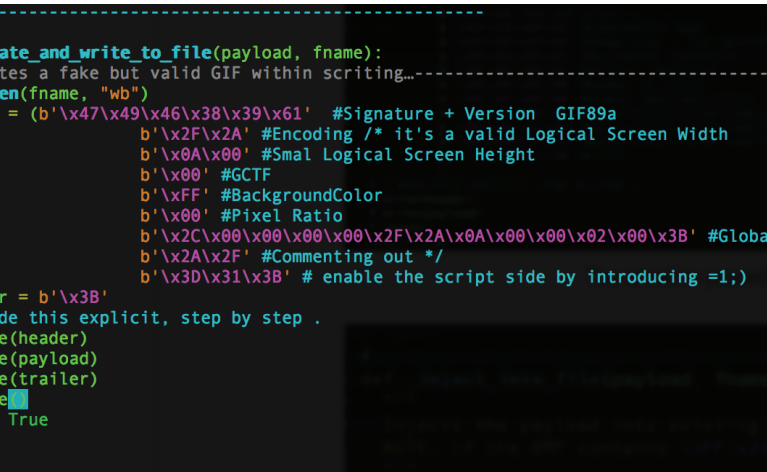

MATHEMATICS

Summer math classes are designed to introduce key Common Core math concepts and skills. Because every student has differing levels of understanding, parents may enroll their students in the math class that best reflects their student's current skill level. Students in seventh and eighth grade also have the option to register for high school math classes if they have already completed coursework preparing them for advanced mathematics.

MATH MASTERY: RATIOS, EXPRESSIONS AND PROBLEM-SOLVING

Entering Grades 6-7 – This course blends foundational skills from both Grade 6 and Grade 7 standards. Students will apply their knowledge of multiplication, division and fractions to solve real-world ratio and rate problems. They'll also dive into solving simple and multi-step equations, exploring rational numbers and understanding absolute value. Through engaging games and hands-on activities, students will deepen their problem-solving skills and explore new concepts like expressions and proportionality.
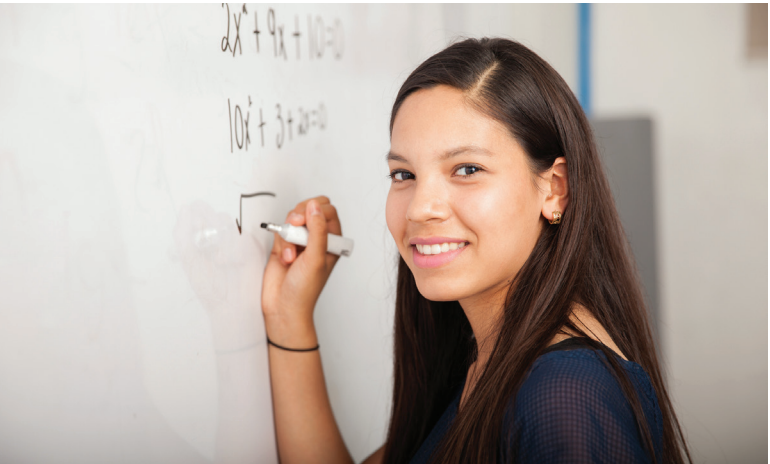
PRE-ALGEBRA SKILLS: EQUATIONS, EXPRESSIONS AND GEOMETRY FOUNDATIONS

Entering Grades 7-8 – Students will expand their understanding of equations, expressions and functions, using real-world data and modeling to make connections between algebra and geometry. They will explore bivariate data and linear equations, as well as dive into two- and three-dimensional shapes, solving problems related to distance, angle, similarity and congruence. The course also includes an introduction to the Pythagorean Theorem and its applications, providing students with a strong foundation for Algebra 1.

INTRODUCTION TO HIGH SCHOOL ALGEBRA 1

Entering Grades 8-10 – This class will introduce students to major themes and concepts in first-year algebra. Students will engage in hands-on applications and problem-solving exercises designed to promote conceptual understanding and enhance logical thinking skills. Topics covered will include properties in algebra, polynomials, solving and applying equations, factoring, the quadratic formula, solving and graphing linear and variable equations, radical expressions and other subjects as time permits.

MODERN LANGUAGES

BEGINNING SPANISH

Entering Grades 6-8 – Immerse your child in the vibrant world of the Spanish language and culture! In this engaging and interactive course, students will build a strong foundation in basic Spanish vocabulary and grammar, learning practical phrases they can use in everyday conversations. Through a fun blend of listening, speaking, and reading activities, students will gain confidence as they practice their language skills with their peers.

These four-week classes will be taught in person on the De Anza College campus.

SCIENCE

CHEMISTRY FUNDAMENTALS**

Entering Grades 6-8 – This course is designed to preview some of the main topics addressed in basic chemistry, including dimensional analysis, the periodic table, stoichiometry and gas laws. Students will be challenged to solve problems and answer complex questions through pairs and group work. This is not a lab class, but students will complete activities and projects such as building their own periodic table and creating molecule models to promote understanding and retention.

PHYSICS LAB**

Entering Grades 6-8 – Students will learn key physics principles by following kit assembly instructions to build their own projects, and by working in teams to modify projects and compete in design challenges. The class will explore the interaction of forces, motion and energy by building bridges, speakers, windmills and solar circuits using simple, everyday materials.

***Meets Next Generation Science standards**

SPACE SCIENCE LAB: STARS, PLANETS AND BEYOND**

Entering Grades 6-8 – Dive into the wonders of astronomy in this exciting middle school class, hosted in De Anza's state-of-the-art Planetarium. Students will uncover the mysteries of our solar system, the life cycles of stars, and the secrets of galaxies and black holes. Hands-on activities in the computer lab will bring astronomical concepts to life through simulations and data analysis. Perfect for curious minds, this class is a fun and inspiring way to ignite a passion for the universe. No experience needed – just bring your curiosity!

SPEECH AND DEBATE

DEBATE AND CRITICAL THINKING

Entering Grades 6-8 – This course will challenge students to present ideas in a clear, logical and engaging style. This course refines public-speaking skills and introduces two high school debate formats: Lincoln-Douglas and Public Forum. Students will debate current events, hold an in-class tournament and learn how to be great speakers and debaters.

PUBLIC SPEAKING

Entering Grades 6-8 – Students will learn the skills and techniques required for effective public speaking, including communication skills, eye contact, voice projection, body contact and listening, as well as self-evaluation techniques. Students will practice presenting various types of speeches in front of an audience. Development of self-confidence and poise will be an integral part of this class.

WRITING

Summer reading and writing classes are designed to introduce key Common Core reading and writing concepts and skills. Because every student has differing levels of ability, parents may enroll their students in the language arts class that best reflects their student's interests and current skill level.

SENTENCE STRUCTURE AND VOCABULARY DEVELOPMENT*

Entering Grades 6-7 – Students will learn how to craft well-structured sentences, expand their vocabulary and grasp key grammar concepts that will support their educational growth throughout middle school. Through interactive lessons and hands-on writing exercises, students will improve their communication skills while having fun. Whether your student needs extra support or wants to get ahead, this course will prepare them for the challenges of advanced writing.

***Meets Common Core standards**

ESSENTIAL WRITING TECHNIQUES AND LANGUAGE SKILLS*

Entering Grades 6-7 – Set your student up for success in school with a class focused on strengthening writing skills, improving sentence variety and mastering key grammar concepts. In this engaging course, students will build on their foundational language skills to create more sophisticated essays, narratives and written responses. Using creative activities, students will not only improve their writing but also enhance their vocabulary and critical thinking abilities. This course is perfect for students looking to sharpen their skills before heading into higher levels of language arts.

ADVANCED WRITER'S WORKSHOP*

Entering Grades 7-8 – Prepare your middle schooler for high school by enrolling them in this advanced course that focuses on refining their writing and language skills. Students will tackle more complex writing assignments, including argumentative essays and analytical writing, while mastering advanced grammar rules and essay structures. With personalized feedback and challenging activities, students will learn how to express their ideas clearly and persuasively. This course is ideal for students who want to excel in high school English or prepare for future academic success by mastering essential language arts skills.

Meets Common Core standards

DE ANZA COLLEGE CAMPUS

CLASS SCHEDULE – ENTERING GRADES 6-8	SESSION 1 8:30-9:30 a.m.	SESSION 2 9:35-10:35 a.m.	BREAK 10:35-10:50 a.m.	SESSION 3 10:50-11:50 a.m.	SESSION 4 11:55 a.m.-12:55 p.m.	Fee Per Class Section
ART AND DESIGN						
Grades 6-8: Creative Canvas: Drawing and Painting Studio	001	002				$725
Grades 6-8: Graphic Genius: Digital Art and Design		003			004	$725
ATHLETICS						
Grades 6-8: Basketball Skills and Drills Camp		005				$725
COMPUTER PROGRAMMING AND ENGINEERING						
Grade 6-12: LEGO Robotics and Coding: EV3 Mindstorms [2 hours]	006 (Grades 8-12)			007 (Grades 6-8)		$1,495
Grades 6-8: Python Programming for Beginners [2 hours]	008			009		$1,495
MATHEMATICS						
Grade 6-7: Math Mastery: Ratios, Expressions and Problem-Solving	010	011		012		$765
Grade 7-8: Pre-Algebra Skills: Equations, Functions and Geometry Foundations	013	014		015		$765
Grade 8-10: Introduction to High School Algebra 1	016	017		018		$765
MODERN LANGUAGES						
Grades 6-8: Beginning Spanish				019	020	$725
SCIENCE						
Grades 6-8: Chemistry Fundamentals	021	022				$765
Grades 6-8: Space Science Lab: Stars, Planets and Beyond		023				$725
Grades 6-8: Physics Lab				024	025	$765
SPEECH AND DEBATE						
Grades 6-8: Debate and Critical Thinking					029	$725
Grades 6-8: Public Speaking	026	027		028		$725
WRITING						
Grade 6-7: Essential Writing Techniques and Language Skills		033		034	035	$765
Grade 6-7: Sentence Structure and Vocabulary Development		030		031	032	$765
Grade 7-8: Advanced Writer's Workshop		036		037	038	$765

De Anza College Planetarium

EXPLORE OUTER SPACE BY DAY
THRILL TO THE STARS AT NIGHT

Embark on an out-of-this-world adventure at the De Anza College Planetarium!

Spend an afternoon under our dome: Enjoy a breathtaking, full-dome movie exploring planets, stars and black holes, followed by a live guided tour of the night sky.

Then, as night falls, let the universe transform into a pulsating visual concert as you enjoy one of our electrifying laser light shows.
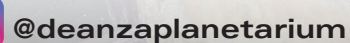
Daytime Astronomy Shows
Educational and awe-inspiring for all ages

Evening Laser Light Shows
Stunning visuals set to the music of Taylor Swift, Pink Floyd, Michael Jackson and more!

Shows are held on Saturdays only, through May 10

Perfect for families, music lovers and cosmic explorers

Visit **deanza.edu/planetarium** for tickets and showtimes

deanzaplanetarium   @deanzaplanetarium

PLAN THE ULTIMATE SUMMER FOR YOUR STUDENT!

1. Choose a summer theme, or mix and match to make your own schedule
2. Select up to four classes
3. Enroll online
4. Watch your student have an amazing summer!

YOUNG ARTIST (Grades 6-8)
- Drawing and Painting Studio
- Digital Art and Graphic Design
- Writer's Workshop

ENGINEER (Grades 9-12)
- Lego Robotics
- Python Programming
OR
- Algebra or Calculus

SCIENTIST (Grades 6-8 or 9-12)
- Chemistry Fundamentals
- Space Science Lab
- Algebra

COMMUNICATOR (Grades 6-8)
- Public Speaking
- Advanced Writer's Workshop
- Debate and Critical Thinking

STUDENT ATHLETE (Grades 9-12)
- Algebra
- Reading and Writing
- Basketball Training
- Volleyball

We encourage you to enroll your student in a **full morning** of **two to four classes** – for more **learning** ... more **friends** ... and more **fun**!

Sign up today!

De Anza College
ACADEMY

These four-week classes will be taught in person on the De Anza College campus.

ART AND GRAPHIC DESIGN

DRAWING AND PAINTING STUDIO

Entering Grades 9-12 – Dive into a world of color, creativity and imagination! With guidance from an expert instructor, students will practice contemporary and traditional drawing and painting techniques and approaches. A variety of media will be used including graphite, color pencil, acrylic, and watercolors. Students will work to strengthen their observational and creative thinking skills and expand their artistic abilities. Get ready to unlock your artistic potential and have fun along the way!

INTRODUCTORY DIGITAL ART AND GRAPHIC DESIGN

Entering Grades 9-12 – Learn how to use the latest software to create everything from eye-catching social media graphics to stunning logos, posters and digital illustrations. Students in this class will express and communicate their own ideas and interpret and analyze the work of today's top graphic designers and digital artists, while developing the skills to turn their imagination into awesome digital art.

- Students should bring a USB flash drive for saving work. This course includes classroom use of laptop computers.

Art and Design courses are offered in partnership with the Euphrat Museum of Art

deanza.edu/euphrat

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ATHLETICS

BASKETBALL TRAINING CAMP

Entering Grades 9-12 – Elevate your game this summer with expert coaching from the De Anza College men's basketball staff! During this intensive four-week camp, experienced De Anza coaches will guide players through daily one-hour sessions designed to enhance shooting, ball handling, defense and teamwork. Students will also gain insight into the mental aspects of the game, including game preparation and in-game decision making. This unique opportunity offers a behind-the-scenes look at the level of training required to succeed at the college level, while fostering personal growth both on and off the court. Whether a student is looking to refine their skills or prepare for the next level, this course provides a supportive and challenging environment for athletes of all levels.

VOLLEYBALL TRAINING: SKILLS, DRILLS AND STRATEGY

Entering Grades 9-12 – Students will improve their volleyball skills and develop an appreciation of this amazing team sport. Through instruction and positive modeling, students will gain valuable knowledge and take their game to the next level. This course is taught by the head coach of the De Anza College volleyball team.

These four-week classes will be taught in person on the De Anza College campus.

COMPUTER PROGRAMMING AND ENGINEERING

LEGO ROBOTICS AND CODING: MINDSTORMS EV3

Entering Grades 8-12 – Bring LEGO® creations to life in this fun and hands-on robotics class! Perfect for beginners, the class will teach how to design and code for robots using the LEGO® Mindstorms® EV3 robotics system with Scratch programming software. Students will build awesome robots with motors, sensors and LEGO® Technic™ pieces, then tackle exciting game challenges and coding experiments. Whether you're a budding engineer or just love LEGO® , this class will boost your problem-solving and tech skills while you have a blast completing weekly challenges.

3D PRINTING AND RAPID PROTOTYPING

Entering Grades 9-12 – This course is all about design process and hands-on prototyping with 3D printers in a professional manufacturing space. Participants will learn the fundamentals of additive manufacturing or 3D printing of polymers, metals and composites, focusing on industry applications and related design principles. In class sessions, we will run live demonstrations with state-of-the-art, industry-grade 3D printers, 3D laser scanners and reverse engineering tools. Students will learn how to design, fabricate and measure test parts, and explore additive manufacturing process limits as well as appropriate applications of these technologies. This course is offered in partnership with the De Anza College Design and Manufacturing Technologies Department.

INTRODUCTORY PYTHON PROGRAMMING

Entering Grades 9-12 – This course introduces students to basic elements of the Python programming language, including data types, control structures, algorithm development and program design with functions. Students will be defining new object classes, creating interactive applications with buttons, learning about animation and creating an interactive game using Python. The instructor will also cover fundamental principles of object-oriented programming, as well as data and information processing techniques.

MATHEMATICS

INTRODUCTION TO HIGH SCHOOL ALGEBRA 1*

Entering Grades 8-10 – This class will introduce students to major themes and concepts in first-year algebra. Students will engage in hands-on applications and problem-solving exercises designed to promote conceptual understanding and enhance logical thinking skills. Topics covered will include properties in algebra, polynomials, solving and applying equations, factoring, the quadratic formula, solving and graphing linear and variable equations, radical expressions and other subjects as time permits.

*Meets Common Core standards

INTRODUCTION TO HIGH SCHOOL ALGEBRA 2*

Entering Grades 9-12 – This course emphasizes critical thinking, understanding of real-world applications and the use of advanced problem-solving techniques. Students will gain an understanding of functions by using a graphical approach to contextualizing relationships, including linear, quadratic, absolute value, exponential and polynomial rational expressions. Students will learn how to define every relation as a transformation and translation of a parent function.

- Students should bring a pencil, eraser, small ruler, graph paper and TI-84 calculator (or equivalent) to class each day.

INTRODUCTION TO HIGH SCHOOL GEOMETRY*

Entering Grades 9-12 – This course will introduce students to Euclidean geometry and assist them in understanding two- and three-dimensional space. Students will develop important basic geometry skills and explore various proofs through logical deduction. The course will include hands-on explorations of geometric transformations, similar and congruent polygons, area and volume of solids, two- and three-dimensional polygons and polyhedra as well as the Pythagorean theorem.

These four-week classes will be taught in person on the De Anza College campus.

INTRODUCTION TO HIGH SCHOOL PRECALCULUS

Entering Grades 9-12 – This four-week course bridges the gap between Algebra 2 and calculus, providing students with a deep understanding of key precalculus concepts essential for success in higher-level math. The class will focus on advanced algebraic functions, trigonometry and coordinate geometry, including polynomial, exponential, logarithmic and trigonometric functions. Students will explore vectors, polar coordinates, sequences and series, along with advanced inequalities and transformations. Through a combination of graphical, numerical and symbolic representations, students will strengthen their problem-solving skills, explore limits and rates of change, and build a strong foundation in the fundamental concepts needed for calculus.

- Students should bring a pencil, eraser, small ruler, graph paper and TI-84 (or equivalent) calculator to class each day.

INTRODUCTION TO HIGH SCHOOL CALCULUS CONCEPTS

Entering Grades 9-12 – This course will introduce students to limits, derivatives, differentiation and integration. Students will receive guided exposure to concepts of calculus so they are better prepared for calculus courses during the academic year. Students will improve their understanding of equations, graphs and proofs, including the study of vectors and polar coordinates, advanced inequalities and series. The class will transition from advanced applications of key precalculus concepts to more traditional calculus problems. Students will study and apply a combination of graphical, numerical and symbolic representations as they gain familiarity with each of the key calculus concepts throughout the course.

- Students should bring a pencil, eraser, small ruler, graph paper and TI-84 (or equivalent) calculator to class each day.

These four-week classes will be taught in person on the De Anza College campus.

SCIENCE

ESSENTIAL HIGH SCHOOL CHEMISTRY PRINCIPLES**

Entering Grades 9-12 – This course is designed to preview some of the main topics in high school chemistry. Students will learn about dimensional analysis, the periodic table, stoichiometry and gas laws. The class will investigate the structures and properties of matter, chemical reactions and the energy and forces that drive these interactions. Students will be expected to use algebra to explain these ideas. Students will be challenged to solve problems and answer complex questions in pairs and group work. This is not a lab class, but students will complete activities and projects such as building their own periodic table and creating molecule models to promote understanding and retention.

SPACE SCIENCE LAB: PLANETARIUM ASTRONOMY

Entering Grades 9-12 – In this introductory course, students will explore the physical principles, logic and development of stellar astronomy from ancient times to the present, with emphasis on recent developments. Students will examine the relationship of earth to its deep-space environment and contrast the sun with other types of stars. The class will also cover earth and sky relationships, explore the solar system and study theories of its origin as well as properties of other stars' planetary systems. This course is held in the De Anza College Planetarium, providing access to state-of-the-art equipment and unique learning tools.

ESSENTIAL HIGH SCHOOL PHYSICS PRINCIPLES**

Entering Grades 10-12 – This course will help students prepare for high school physics. The instructor will emphasize conceptual understanding in describing natural phenomena, while introducing the use of mathematical reasoning in the central concepts of physics. The class will cover basic mechanics, including the properties of matter, motion, forces and energy. Students will examine basic physical laws as they apply to everyday physical phenomena. Students will use verbal logic, critical thinking and some mathematics in this course.

***Meets Next Generation Science standards**

These four-week classes will be taught in person on the De Anza College campus.

WRITING

INTRODUCTION TO BASIC HIGH SCHOOL WRITING STRUCTURES*

Entering Grades 9-10 – Students in this course will learn to engage in writing as a process, with particular attention to diction, argumentation and thoughtful integration of evidence. Students will craft a basic, five-paragraph essay – emphasizing structure, clarity and argument – in response to informational texts and fictional short stories. Students will also learn to recognize and correct grammatical errors involving subject-verb agreement, verb form, verb tense, pronouns, modifiers, fragments, run-ons and basic punctuation. This highly interactive class includes peer review, drafting and workshops.

EXPOSITORY READING AND WRITING*

Entering Grades 9-12 – Expository reading and writing skills will help students excel on the reading and writing portions of standardized tests, while also developing lifelong literacy and college readiness. In this course, students will learn to read critically, make predictions about texts, analyze content and rhetorical structures, and properly use materials from texts to support their own written arguments. Readings will be enhanced through expository writing, most often through timed essays. Students will learn to organize ideas and construct persuasive arguments that advance their own ideas with a developed voice.

Meets Common Core standards

PERSUASIVE WRITING AND THE FUNDAMENTALS OF ARGUMENT*

Entering Grades 9-12 – This course emphasizes rhetorical study and evidence-based analytics and argumentation in clear and efficient writing. Students will analyze and discuss literary, historical and expository texts, while learning about the creation of a clear and arguable thesis, interesting introductions and conclusions, thoughtful outlining and correct mechanics. Students will also practice writing persuasive essays that employ rhetorical strategies and sound principles of argument. The course is designed to help students develop the depth and scope of their writing, while improving their research skills.

June 30–July 25
GRADES 9-12
CLASS SCHEDULE

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June 30–July 25
GRADES 9-12
CLASS SCHEDULE

DE ANZA COLLEGE CAMPUS

CLASS SCHEDULE – ENTERING GRADES 9-12	SESSION 1 8:30-9:30 a.m.	SESSION 2 9:35-10:35 a.m.		Break 10:35-10:50 a.m.	SESSION 3 10:50-11:50 a.m.	SESSION 4 11:55 a.m.-12:55 p.m.	Fee Per Class Section
ART							
Grades 9-12: Drawing and Painting Studio					039	040	$725
Grades 9-12: Introductory Digital Art and Graphic Design	041				042		$725
ATHLETICS							
Grades 9-12: Basketball Training Camp					044		$725
Grades 9-12: Volleyball Training: Skills, Drills and Strategy						043	$725
COMPUTER PROGRAMMING AND ENGINEERING							
Grades 8-12: LEGO Robotics and Coding: EV3 Mindstorms [2 hours]	006						$1,495
Grades 9-12: 3D Printing and Rapid Prototyping [2 hours]					047		$1,495
Grades 9-12: Introductory Python Programming [2 hours]	045				046		$1,495
MATHEMATICS							
Grades 8-10: Introduction to High School Algebra 1	016	017			018		$765
Grades 9-12: Introduction to High School Geometry	048	049					$825
Grades 9-12: Introduction to High School Algebra 2					050	051	$825
Grades 9-12: Introduction to High School Pre-Calculus		052					$825
Grades 9-12: Introduction to High School Calculus Concepts					053	054	$825
SCIENCE							
Grades 9-12: Essential High School Chemistry Principles	055	056					$825
Grades 9-12: Space Science Lab: Planetarium Astronomy					059	060	$725
Grades 10-12: Essential High School Physics Principles					057	058	$825
WRITING							
Grades 9-10: Introduction to Basic High School Writing Structures		062					$825
Grades 9-12: Expository Reading and Writing					061		$825
Grades 9-12: Persuasive Writing and the Fundamentals of Argument						063	$825

These five-week coding boot camps will be taught online.

PROGRAMMING BOOT CAMPS

INTRODUCTION TO JAVA PROGRAMMING

Entering Grades 9-12 – This intensive boot camp for beginners introduces students to the fundamentals of computer programming using the Java language, with a focus on object-oriented programming (OOP) principles. Participants will explore key topics such as primitive and non-primitive data types, control flow structures and Java's powerful class libraries. Through hands-on coding assignments, students will dive into OOP concepts, including classes, objects, method overloading and encapsulation. They'll practice building custom classes, handling input/output operations and applying these skills to solve real-world programming challenges. This course is designed to develop both problem-solving and coding skills, providing a solid foundation for further study in programming.

INTRODUCTION TO SWIFT AND APP DEVELOPMENT

Entering Grades 9-12 – Students will learn the fundamentals of app development, using Apple's Swift programming language, in this intensive boot camp for beginners. Topics will include the core concepts of Swift, including variables, data types, control flow, functions and object-oriented programming. Beyond the language itself, students will delve into the app development process. They will learn how to brainstorm app ideas, plan the user interface and user experience, and prototype their app using Xcode, Apple's integrated development environment (IDE).

- Students should take this class with a laptop or desktop computer running macOS.

MEET THE INSTRUCTOR: MELISSA ESTREMERA

As an experienced instructional designer and STEM educator, Melissa Estremera has dedicated her career to creating engaging and effective learning experiences. She has taught computer science courses at an Apple Distinguished School, leveraging her expertise in Swift, Java, Python and C++. Her academic background in biomedical engineering and education, combined with her contributions to the College Board and Princeton Review, has equipped her with the skills to develop and deliver high-quality instructional curriculum.

ONLINE

CLASS SCHEDULE – ENTERING GRADES 9-12	SESSION 1 1:30.-2:30 p.m.	SESSION 2 2:45-3:45 p.m.	Fee Per Class Section
PROGRAMMING BOOT CAMPS			
Grades 9-12: Introduction to Java Programming	064		$995
Grades 9-12: Introduction to Swift and App Development		065	$995

Grades K-5 (art camps): Registration opens Feb. 18 – see online listing for registration closing dates

Grades 6-12 (on-campus classes): Register Feb. 18-June 26

Grades 9-12 (online coding camps only): Register Feb. 18-June 18

Visit **deanza.edu/academy** to review program details and check class availability.

When you are ready to enroll, follow the steps listed online to register. In all cases, a parent or guardian must complete the emergency medical release and information form, and online waiver form, before completing the registration.

Once payment is successfully processed, you will receive a class confirmation by email.

When selecting classes for your child

Students should enroll at the grade level they will enter in fall 2025. For example, if your student is completing fifth grade in June 2025, they should be enrolled in sixth-grade level classes.

Please keep in mind:

- Students in grade 6-8 classes will be supervised during morning break and passing periods. Students in grade 9-12 classes will be supervised during class time only.
- For safety and supervision reasons, students must be enrolled in consecutive class periods, with no gaps in their daily schedules.
- Students should be dropped off no more than 10 minutes before class and picked up immediately after their last class of the day.

DAILY SCHEDULE

ON-CAMPUS CLASSES (Grades 6-8 and 9-12)

Class 1: 8:30-9:30 a.m.

Class 2: 9:35-10:35 a.m.

Break: 10:35-10:45 a.m.

Class 3: 10:50-11:50 a.m.

Class 4: 11:55 a.m.-12:55 p.m.

ONLINE CODING CAMPS (Grades 9-12)

Coding Boot Camp 1: 1:30-2:30 p.m.

Coding Boot Camp 2: 2:45-3:45 p.m.

Check our schedule for additional online class dates and times.

No classes will be held on Friday, July 4

HOW TO REGISTER / ADD A NEW CLASS

In all cases, a parent or guardian must complete the emergency medical release and information form, and online waiver form, before completing the registration.

Art Camps (Grades K-5)

- Add camp sessions through the Friday **BEFORE** the camp is scheduled to begin.

On-Campus Classes (Grades 6-8 and 9-12)

- **Through June 26:** Add classes with available space online. Registration will be closed for adding classes from June 27-29.
- **June 30-July 2:** Students already enrolled in the program may add classes by contacting Academy staff in person.

Online Coding Camps (Grades 9-12)

- **Through June 18:** Add classes with available space online. Registration will be closed for adding classes from June 19-22.
- **June 23-25:** Students already enrolled in the program may add classes by emailing Academy staff at **communityeducation@deanza.edu**

HOW TO CHANGE A CLASS

Class change requests are processed depending on seat availability.

On-Campus Classes (Grades 6-8 and 9-12)

- **Through June 26:** No fee for course changes; requests must be emailed to **communityeducation@deanza.edu**
- **June 27-29:** Registration will be closed for changing classes during these dates.
- **June 30-July 2:** Changes may be requested by contacting Academy staff in person. There will be a 10% fee per class for all changes.
- No changes will be processed after July 2.

Online Coding Camps (Grades 9-12)

- **Through June 18:** No fee for course changes; requests must be emailed to **communityeducation@deanza.edu**
- **June 19-22:** Registration will be closed for changing classes during these dates.
- **June 23-25:** Changes may be requested by emailing **communityeducation@deanza.edu**. There will be a 10% fee per class for all changes.
- No changes will be processed after June 25.

HOW TO DROP CLASSES FOR A REFUND

To drop or cancel a class, you may submit a request through our registration system. Refunds are subject to service fees and will be credited back to the original method of payment.

Administrative drops due to disruptive or inappropriate student behavior will result in dismissal from the program without a refund.

REFUND DEADLINES AND SERVICE FEES

Art Camps (Grades K-5)

- Before the start date, $50 fee per dropped camp
- After camp begins, no refunds will be issued.*

On-Campus Classes (Grades 6-8 and 9-12)

- Through June 30: $50 fee per dropped class
- After June 30: No refunds will be issued.*

Online Coding Camps (Grades 9-12)

- Through June 23: $50 fee per dropped class
- After June 23: No refunds will be issued.*

*All drop and refund requests for extenuating circumstances after the request deadlines will be considered for a partial refund, on a case-by-case basis, by the dean of Community Education. Materials fees and lab fees are nonrefundable.

QUESTIONS?
We're happy to help!
communityeducation@deanza.edu

De Anza College
ACADEMY

CLASSROOM ASSIGNMENTS

Your confirmation will include classroom numbers; however, classroom locations may be subject to change. For the most current information, please check our website at **deanza.edu/academy**. Classroom locations and campus map will be posted online the week before the start of the program, and at the De Anza Academy drop-off zone in Parking Lot C on the first day of classes.

VIRTUAL CLASSROOM INFORMATION

Online classes will be held via Zoom and Canvas, our online learning platform. Details will be sent prior to the start of class. Please email **communityeducation@deanza.edu** if you need assistance with accessing your class or account.

STUDENT CONDUCT, SUPERVISION AND BREAKS

Students must observe all classroom rules, follow class etiquette expectations and comply with Foothill-De Anza Community College District policy on computer and network use (Board Policy 3250). Violating these rules or engaging in any form of bullying and harassment, whether in person or online, may result in removal from the program without a refund.

Students in grade 6-8 classes will be supervised during morning break and passing periods. Students in grade 9-12 classes will be supervised during class time only. For safety and supervision reasons, students must be enrolled in consecutive class periods. There is no supervision for students before or after the program.

Parents may wait for their child on campus. Parents may not park in drop-off zones. Parking is free on campus. (Please observe posted notices about time limits or staff-only parking.)

Please send a snack with your student each day for morning break, as food service may not be available on campus during summer. Students may not leave campus to buy food. Check our website for current information at **deanza.edu/academy**.

Students may not use their mobile phones during class. Mobile phones should always remain in student backpacks until classes have concluded for the day. De Anza College Academy is not responsible for lost or stolen items. Students should secure their belongings

REVIEW YOUR CLASS CONFIRMATIONS

To ensure your student is in the correct class, please review the confirmation and transaction receipts emailed to you at the time of enrollment. You may also log in to our registration system with your chosen username and password at any time to check your current enrollment. There are no waiting lists for full classes.

REPORTING STUDENT ABSENCES

Please email **attendance@deanza.edu** to notify us when your student is unable to attend their in-person or online classes.

Courses, class schedules and locations may be subject to change. We regret any discrepancies or typographical errors. For the most current information, please check our website at **deanza.edu/academy**.
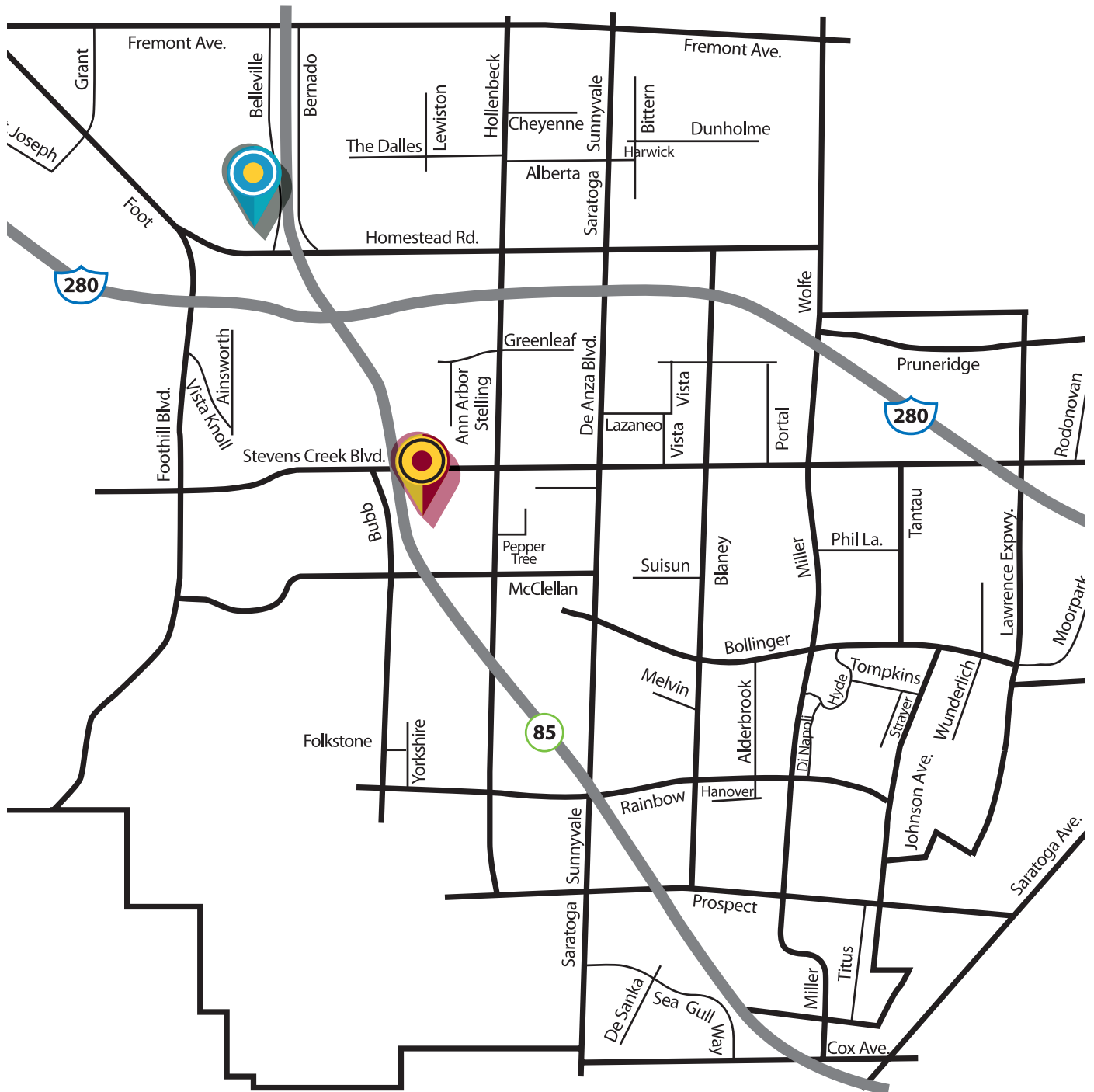
Thank You to Our Program Partners

DE ANZA COLLEGE ATHLETICS

DMT
DESIGN & MANUFACTURING TECHNOLOGIES DEPARTMENT

EUPHRAT
MUSEUM OF ART
deanza.edu/euphrat

De Anza College
Planetarium

DeAnza College ACADEMY

CAMPUS LOCATIONS

● West Valley Elementary School
(Art Camps)
1635 Belleville Way
Sunnyvale, CA 94087

● De Anza College
(In-Person Courses)
21250 Stevens Creek Blvd.
Cupertino, CA 95014

DeAnza College

21250 Stevens Creek Blvd.,
Cupertino, CA 95014

DeAnza College ACADEMY

SUMMER YOUTH ENRICHMENT PROGRAM FOR GRADES K-12

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deanza.edu/academy