

California State University, Northridge
Secondary Education

SUMMER ACADEMIC ENRICHMENT PROGRAM

June 28-July 30, 2010

ENRICHMENT CLASSES

Students choose 2 courses from this section. See website for available periods.

Students may enroll in TWO of the following classes. Four units of credit per class may be available; consult with home school. Classes meet daily for five weeks. If class is denoted with (*) then five units of credit may be available (consult with home school). 5 unit classes extend the day by 30 minutes and add an additional \$50 to the program fees. Student can only enroll in one 5 unit course.

Period 1	8:00 A.M. – 10:05 A.M.
Nutrition	10:05 A.M. – 10:25 A.M.
Period 2	10:25 A.M. – 12:30 P.M.
Elective Period 2	10:25 A.M. – 1:00 P.M.

ARTS - VISUAL AND PERFORMING

ART EXPLORATION

This course introduces the student to the principles of design through an exploration of significant historical art and art movements--from the earliest art to the 21st century. The student will then experiment with different media in creating art in the style of the movements studied. The assignments will use a variety of art mediums in order to gain an understanding of the different expressive qualities of those materials.

COURSE/MATERIAL FEE.

DANCE FOR LIFE

This course introduces students to an exciting variety of dance genres, including: ballet; jazz; hip-hop; country-line; and ballroom. Students will choreograph and perform their work at the dance performance. All levels are welcome. Curriculum follows the California Department of Education's Dance and Physical Education Standards. COURSE/MATERIAL FEE.

DIGITAL PHOTOGRAPHY – ADVANCED

This course combines the skills of hands-on photography, using digital cameras, and computer knowledge of Adobe Photoshop. The student will learn basic photograph composition, special effect filtering, color correction, framing, lighting effects, resizing, layering, and sharpness. Students will also learn how to find, create, and combine online digital and scanned images, and a variety of other beginning to intermediate photo editing techniques. The student will create a portfolio of original works of art. COURSE/MATERIAL FEE.

DIGITAL PHOTOGRAPHY – BEGINNING

This course combines the skills of hands-on photography, using digital cameras, and computer knowledge of Adobe Photoshop. The student will learn basic photograph composition, special effect filtering, color correction, framing, lighting effects, resizing, layering, and sharpness. Students will also learn how to find, create, and combine online digital and scanned images, and a variety of other beginning to intermediate photo editing techniques. The student will create a portfolio of original works of art. COURSE/MATERIAL FEE.

DRAMA WORKSHOP*

This energetic course offers students extensive training in acting skills (monologues, improvisation, group scenes from a variety of sources), dance, voice, theatre production, and rehearsal techniques culminating in a performance before a live audience. The student will experience firsthand the joys and challenges that come with individuals working together to produce a group performance. The student also will gain a more comprehensive knowledge of the different jobs in a theatre production and the hard, satisfying work it takes to bring a theatre performance before a live audience. COURSE/MATERIAL FEE. ADDITIONAL PROGRAM FEE.

COMPUTERS

COMPUTERS – ACADEMIC TECHNOLOGY

This course equips students with an essential educational tool for today's student: a working knowledge and understanding of computers. "Academic Technology" will introduce the beginning computer student to the necessary skills for the successful educational navigation of the World Wide Web (www.). Skills include how to: safely set up accounts; navigate specific age-based websites; use sites to simplify, organize and aid in everyday life; and find websites which encourage and aid educational experiences. The student will also learn how to navigate and conduct general academic research using the web. Sites and concepts to be explored include: Google (calendars, e-mail, maps); web mail sites; web logs (blogs); and Wikipedia (not a citable educational source). Additionally, the student will be instructed re: Instant Messaging (IM) and social networks. Tools will be taught on how to conduct credible, citable research, as well as academically-appropriate research. The student will have daily access to a full computer lab which includes scanners, printers, and multimedia tools. COURSE/MATERIAL FEE.

COMPUTERS – COMPUTER ANIMATION & MOVIE MAKING

This course is a very fast-paced class: a great deal of new material is given on a daily basis; attendance, therefore, is absolutely mandatory. The instructor will lead students through hands-on learning by practicing numerous forms of multimedia including video editing, audio editing, digital photography and many more. Class time involves instructing and applying various advanced forms of multimedia available today, as well as understanding the importance of multimedia on our society and in our own daily lives. COURSE/MATERIAL FEE.

COMPUTERS – 3-D MODELING AND ANIMATION

This course teaches the student how to develop and animate digital models and simulations using the award-winning software application, Maya. The teacher will give step-by-step instructions to insure student achievement in the design and creation within the 3-D environment. Examples will be given to inspire the student's imagination, as well as to facilitate the learning of the concepts of 3-D. The teacher will explain the science, mathematics and computer principles behind the different concepts, enabling students to successfully apply the new knowledge in different subject areas. COURSE/MATERIAL FEE.

COMPUTERS – WEB DESIGN

This course is designed to familiarize students with the creation and management of web pages and web sites. Students will learn basic html structure and formatting, web page creation using Macromedia Dreamweaver, and image creation and alteration using Macromedia Fireworks. The student will culminate his/her learning by creating his/her own personal website. The student will also create a flash animation movie. COURSE/MATERIAL FEE.

FOREIGN LANGUAGES

FRENCH – BEGINNING

This beginning course teaches communication in the French language through a balanced focus on listening, speaking, reading, and writing skills. An emphasis is placed on learning about French and Francophone culture.

“French – Beginning” will prepare the student to be more comfortable in a French 1 course; it is an overview of French I. For those who have taken French I before, it will be a review. For those who have never taken a French class, the student will be more prepared in a French I class after taking this course.

SPANISH – BEGINNING

This course helps the student acquire the fundamentals of pronunciation and grammar, practical vocabulary, useful phrases and the ability to understand, read, write and speak simple Spanish. Basic relevant information covered includes: geography, customs, culture of Spain and Latin America. The class prepares students for further language study and should inspire interest in foreign travel, study and work. Students will learn Spanish in the same manner s/he learned her/his first language: listening, repeating, writing and reading.

LANGUAGE ARTS

CREATIVE WRITING

This course focuses on writing as an art form. The aspects focused on are narration, plot, theme, description, dialogue, and characterization. These fundamental features of the short story are the focal point of impactful creative writing. The course will be fun, enriching & engaging. The scope and breadth of creativity offered in this course will produce a permanent, life-long experience that will transfer to many other walks of life.

ONLINE JOURNALISM*

This course will introduce students to the role of a 21st century journalist. Throughout the five-week course, students will immerse themselves in local and global news as a current form of research. Students will then utilize the techniques taught in class to complete a newspaper issue by the end of the program. Students will have the ability to write a proper lead, complete an article, and edit other journalists. Finally, students will use a computer-based program to complete the online issue. COURSE/MATERIAL FEE. ADDITIONAL PROGRAM FEE.

READING – DEVELOPMENTAL

This course is designed for the student reading below grade level and will focus on word attack, vocabulary development, and comprehension skills. Individual needs of the student are met through an interesting and enjoyable approach designed to create success. Daily home reading required.

READING – POWER

This course is designed for students reading at- or above- grade level. Vocabulary development, comprehension, study skills, and speed-reading will be stressed. The focus will be on improving reading proficiency and skills through challenging and pleasurable methodologies. Daily home reading required.

WRITING & READING – HIGH SCHOOL

This course aims to offer students insights into the ways authors use diction, imagery, symbolism and allusion, as well as character and plot development. Students will practice reading analytically and writing coherent responses to what they read. Reading comprehension, vocabulary development and speed-reading will be taught, as well as grammar, rhetoric, paragraph development, thesis formation, and the writing process including proofreading and editing. Homework.

WRITING – 6TH GRADE

Class Choices: Advanced or Remedial*

This course allows the student to participate in a program of writing activities designed to develop effective writing skills. Both creative and expository writing will be practiced in a variety of assignments. The student will read, analyze and stylistically write in poetic, narrative, expository, and persuasive forms. The application and identification of basic English grammar and vocabulary, as well as proofreading, editing, and the writing process are addressed and reinforced. Homework.

WRITING – 7TH GRADE

Class Choices: Advanced or Remedial*

This course allows the student to participate in Socratic Seminars (forums) where s/he will generate ideas and learn to dialogue in preparation for in-depth writing assignments. The student will read and analyze numerous texts and identify the organizational patterns as precursors to learning to write clear, coherent and well-focused essays and narratives. Homework.

WRITING – 8TH GRADE

Class Choices: Advanced or Remedial*

This course challenges the student to grow in her/his ability to use correct composition grammar, develop strong sentences, build well-structured paragraphs, and, in turn, complete a standard five-paragraph essay. Grammar skills, proofreading, editing, and the writing process are addressed and refined. Homework.

MATHEMATICS

MATH SKILLS

This course is designed to improve student achievement while integrating the California Content Standards for Public Schools. Students who have not taken Pre-Algebra will benefit by developing their skills in number theory, operations of arithmetic, evaluating expressions, solving linear equations, use of formulas, operations with signed integers, and rational numbers. Emphasizing real-world strategies and techniques, middle school students will become better prepared for success in later courses of Algebra I, Geometry, Algebra II, and other mathematic college preparatory classes.

PRE-ALGEBRA PREVIEW

This course is for the student who has not taken Pre-Algebra. Topics include: number theory, evaluating expressions, solving linear equations, use of formulas, operations with signed integers and rational numbers. Homework.

ALGEBRA I – PREVIEW

Pre-requisite: Successful completion of Pre-Algebra.

This course is for the student who has not taken Algebra I. The material covered includes: basic skills for solving equations and inequalities, which includes operations with polynomials; factoring; fractions; graphing; systems of equations; and functions. Homework.

GEOMETRY PREVIEW

Pre-requisite: Successful completion of Algebra I.

This course reinforces skills from Algebra I and introduces new skills from Geometry. It also develops logical thinking by providing the basics of deductive and inductive reasoning. Homework.

ALGEBRA II PREVIEW

Pre-requisite: Successful completion of Algebra I and Geometry I.

This course reinforces and expands on concepts of Algebra I, giving your child a better edge in mastering Algebra II. This course exposes the student to a broad range of topics as it challenges the student to interpret written problems and to write proofs. Topics include: polynomial equations and inequalities; functions and their inverses; imaginary and complex numbers; linear, quadratic polynomial and rational functions and their graphs; logarithms and exponentials; systems of equations and radical equations. The material is presented through teacher-directed lessons, and the student is expected to derive answers analytically, numerically and graphically. There will be daily homework and frequent tests and quizzes to evaluate your child's progress. Homework

SCIENCE

MYTHBUSTERS

What are MythBusters? It's a tough job separating truth from legend, but that is the purpose of the MythBusters. In this exciting class, students do hands-on experiments that test popular myths and detect what is real and what is fiction. Students will hypothesize and then perform precise tests to "Prove" or "Bust" myths. This class helps students understand how applying the scientific method to problems solving can be fun, exciting and really cool.

Can an Opera singer (or a very loud pre-teen) really shatter glass by hitting just the right note? Is it really impossible for even the greatest Origami master to fold a piece of paper in half more than seven times? Could a child really be carried away by a bunch of helium balloons? We'll tackle these myths and more in MythBusters. COURSE/MATERIAL FEE.

SCIENCE ALIVE!

Are you creative? Do you enjoy working on computers? Is discovering how the world works interesting to you? If you answered "Yes!," then this course is for you. In this course, students will create computer games and simulations through the use of programs such as Scratch from MIT, and NetLogo to learn common scientific concepts. In addition, you will get to be part of a research project that connects how students learn science and use technology. COURSE/MATERIAL FEE.

SCIENCE OLYMPIAD

This course is a science investigation class based on the content and competitions of the National Science Olympiad. The class is designed for the student to explore and apply scientific knowledge and concepts for team competition. Projects involve scientific problem solving, real-life applications of science concepts, and research and exploration of science concepts. The class will also help students learn how to problem solve as a scientific team in order to complete tasks efficiently and successfully. Competitions include (but are not limited to): building and launching rockets; barge building; and egg drops. COURSE/MATERIAL FEE.

SPECIAL INTEREST

CHEERLEADING

This course introduces students to forms of Cheer, Dance, Gymnastics, Vocal and Stretching exercises used by competitive high school and college cheerleading teams. Students will experience chants, cheers, beginning partner and group stunts and pom pom dance combinations. Through teamwork, the student will gain toning and strengthening techniques, flexibility and mobility for the voice and body as well as gain the knowledge of sports' rules as they apply to Cheerleading. COURSE/MATERIAL FEE.

CPR/FIRST AID TRAINING FOR BABYSITTERS

This course is designed for students ages 11-17 years. Students will learn to supervise children and infants; perform basic child-care skills such as diapering, feeding and dressing; choose safe, age-appropriate games and toys; handle bedtime and discipline issues; identify safety hazards and prevent injuries; care for emergencies such as choking, seizures, heart attacks, dislocations, fractures, burns and cuts; communicate effectively with parents; find and interview for babysitting jobs. Upon successful completion of 80% or

above, students will earn American Red Cross Babysitter's Training and a CPR/First Aid certifications. COURSE/MATERIAL FEE.

DRIVER'S EDUCATION

This course emphasizes driving requirements, competence in operating a car, and consumer education related to driving. The course exceeds the DMV requirement for driver licensing eligibility prior to 18 years of age. Driver Training is available under separate arrangements. *Attendance is required for all five weeks.* Minimum age: 15 years old by August 5, 2010.

PSYCHOLOGY (GRADES 9 – 12)*

This survey course applies the scientific method to the study of human behavior. Topics include: motivation and emotion; learning; personality development; and abnormal psychology. Students study the major psychological theories and works of Freud, Adler, Jung, Skinner, Pavlov, and Maslow. Homework. ADDITIONAL PROGRAM FEE.

SAT/ACT PREP (GRADES 9-12 ONLY)

Pre-requisite: Successful completion of Algebra 1.

This course is designed to stimulate the verbal and math skills of students planning to take college entrance exams. Students will take practice tests and learn key information, test-taking strategies, shortcuts, and traps to avoid. COURSE/MATERIAL FEE.

SPEECH AND DEBATE – MIDDLE SCHOOL

This course develops and improves public speaking, argumentation, and critical-thinking skills in various communication settings. Students will prepare and deliver speeches and participate in various types of in-class debates and forums on current topics. Techniques will be taught to control speech anxiety. Students will practice structuring and organizing information effectively for oral presentation before a variety of audiences. The fundamentals of physical and vocal delivery skills, use of language and gesturing, as well as listening skills will be learned.

STUDY SKILLS – 6th, 7th GRADE

It is never too late to learn! This course is designed to help students improve in a variety of areas, including: listening; speaking; reading; writing; note-taking; studying for tests; critical thinking; time management; memorization techniques; and goal-setting. Homework.

STUDY SKILLS – 8th, 9th GRADE

It is never too late to learn! This course is designed to help students improve in a variety of areas, including: listening; speaking; reading; writing; note-taking; studying for tests; critical thinking; time management; memorization techniques; and goal-setting. Homework.

YOGA/ PILATES

This course focuses on the balanced development of body, mind, and spirit. Students will learn physical postures as well as methods for relaxing, proper breathing, meditating, and concentrating which increases muscular strength and flexibility, promotes health, improves skeletal alignment, and alleviates stress. COURSE/MATERIAL FEE.

ACADEMIC CLASSES

These classes meet five hours per day and upon successful completion of them, students receive ten credits. If a student needs only one semester (A, B, Math Analysis, or Trigonometry) that can be arranged. Each class meets 7:45 A.M.– 1:00 P.M. daily for five weeks. *Mandatory attendance is required during all five weeks.* Homework.

Please consult with your home school first to receive credit transfer approval.

FOREIGN LANGUAGE

SPANISH IIAB

Pre-requisite: C or better in Spanish IAB.

Spanish IIAB will develop and improve all the language skills that the student has learned in Spanish I. Spanish II is conducted in Spanish; therefore, the student will utilize the acquired language skills in class daily. The student will learn to develop a high degree of competence in language skills through a variety of instructional materials, including: authentic audio and/or video recordings designed to advance the student's listening abilities; authentic written texts; and other non-technical writings designed to strengthen the student's reading, writing and speaking skills. The student will prepare and deliver conversation dialogues, and participate in several class projects. COURSE/MATERIAL FEE. FIELD TRIP TO OLVERA STREET. \$25.00 FEE.

SPANISH IIIAB

Pre-requisite: C or better in Spanish IIAB

Spanish IIIAB will develop and improve all the language skills that the student has learned in Spanish II. Spanish III is conducted in Spanish; therefore, the student will utilize the acquired language skills in class daily. The student will learn to develop a high degree of competence in language skills through a variety of instructional materials, including: authentic audio and/or video recordings designed to advance the student's listening abilities; authentic written texts; and other non-technical writings designed to strengthen the student's reading, writing and speaking skills. The student will prepare and deliver conversation dialogues, and participate in several class projects. COURSE/MATERIAL FEE. FIELD TRIP TO OLVERA STREET. \$25.00 FEE.

MATHEMATICS

ALGEBRA I AB

Pre-requisite: C or better in Pre-Algebra.

This is a rigorous course designed to complete a year-long Algebra 1 class during our five-week summer school. Thus the students are taught at an accelerated pace and should expect to have a minimum of 1 hour of homework each night. In order to be successful in this course, students need a strong background in Pre-Algebra and a consistent work ethic. Be aware that the course is not an introduction to Algebra 1. SAEP does offer a class designed as a preview course through the enrichment program. If your child needs to complete just one semester of this course, you may register for just that one semester. However, there is no fee reduction. Also, if your child only needs to take the second semester, we recommend that they attend the first semester as well to help prepare them for the second.

GEOMETRY AB

Pre-requisite: C or better in Algebra I.

This course is a highly concentrated and accelerated class and is not meant for students seeking either a preview or a review course in geometry. The course is normally taken during the entire second year in the basic sequence of college preparatory mathematics. Only the most capable mathematics students are advised to attempt this course in the five-week summer academic program.

Geometry AB offers the study of geometry as a mathematical system that develops powers of spatial visualization, and stresses inductive and deductive reasoning as methods of problem solving. SAEP offers a class designed as a preview course through the enrichment program. If your child needs to complete just one semester of this course, you may register for just that one semester. However, there is no fee reduction. Also, if your student only needs to take the second semester, we recommend that s/he attends the first semester as well, to help prepare your student for the second semester.

ALGEBRA II AB

Pre-requisite: C or better in Geometry.

This is a rigorous course designed to complete a year-long Algebra II class during our 5-week summer school. Thus the students are taught at an accelerated pace and should expect to have a minimum of 1 hour of homework each night. In order to be successful in this course, the student needs a strong background in Algebra I and a consistent work ethic. Be aware that the course is not an introduction to Algebra II. SAEP does offer a class designed as a preview course through the enrichment program. If your student needs to complete just one semester of this course, you may register for just that one semester. However, there is no fee reduction. Also, if your student only needs to take the second semester, we recommend that s/he attends the first semester as well to help prepare your student for the second.

MATH ANALYSIS/TRIGONOMETRY

Pre-requisite: C or better in Algebra II.

This is a rigorous course designed to complete a year-long Math Analysis/ Trigonometry class during our 5-week summer school. Thus the students are taught at an accelerated pace and should expect to have a minimum of 1 hour of homework each night. In order to be successful in this course, students need a strong background in Algebra 2 and a consistent work ethic. Be aware that the course is not an introduction to Math Analysis/ Trigonometry. If your child needs to complete just one semester of this course, you may register for just that one semester. However, there is no fee reduction. Also, if your student only needs to take the second semester, we recommend that s/he attends the first semester as well to help prepare your student for the second.

CALCULUS AB

Pre-requisite: C or better in Pre-Calculus or equivalent.

This is a rigorous course designed to complete a year-long Calculus class during our five-week summer school. Thus the students are taught at an accelerated pace and should expect to have a minimum of 1 hour of homework each night. In order to be successful in this course, students need a strong background in Math Analysis/Trigonometry and a consistent work ethic. If your child needs to complete just one semester of this course, you may register for just that one semester. However, there is no fee reduction. Also, if your student only needs to

take the second semester, we recommend that s/he attends the first semester as well to help prepare them for the second.

SCIENCE

HEALTH & LIFE SKILLS

Satisfies California graduation requirement.

This health class is designed to inform students about the skills and knowledge necessary to maintain all aspects of health. Throughout the course, the students will explore: heredity; nutrition; reproductive health; physical environment; health care; and lifestyle choices' effects on an individual's health. Life skills will promote positive behavior to enhance an individual's health and well-being.

FEES

PROGRAM FEES

(There is no fee reduction if a student enrolls in only one course, or one semester.)

\$570- Enrichment Program (with two 4 unit courses)

\$600- Enrichment Program (with one 4 unit course and one 5 unit course)

\$650- Academic Program

*See website for various course materials/ lab fees.

Late Fee:

New registrations or **payments** received **after Monday, June 14, 2010** will accrue a **\$25 late fee**.

Change of Class Fee:

Once late registration begins (Monday, June 14, 2010), if for any reason your child wants/needs to change classes, there will be a **\$25 fee for each change made**.

Refund Policy:

If we are notified of your need to cancel

On or before Monday, June 14, 2010: **90% refund**

Between Tuesday, June 15 – 21, 2010: **50% refund**

After Monday, June 21, 2010: **No refund available**