



**CORAL ACADEMY OF SCIENCE LAS VEGAS CENTENNIAL HILLS  
2018-2019 MIDDLE SCHOOL ELECTIVE COURSES**

**It is a choice!**

Coral Academy of Science Las Vegas (CASLV) believes that as the students work through their required academic studies they should be given opportunities to explore different areas of interest and enjoy subjects that are of their choice not necessarily imposed on them. For this very reason we are offering a variety of elective courses that will get attention from students of different interests.

**Elective Course Selection Process**

For the 2018-2019 academic year, all the elective course requests will be entered through an online form which will be posted on the school web site and emailed to the parents. The students are going to be placed in the elective courses on a first come first served basis. In the case that the first choice for an elective becomes unavailable we will look at your alternative choices.

Some electives might require additional conditions such as placement tests. If a student does not meet those conditions they will be moved to their next elective choice if available. Students who select a semester-long elective will select the elective for 2<sup>nd</sup> semester before the end of semester 1.

Students will chose two electives, Elective A and Elective B. Elective A is offered by specialists, and Elective B is offered by the classroom teachers.

**Changing Electives**

The students can switch to a different elective during the first two weeks of the school year if another elective is available. For this, you will need to contact the assistant principal.

**About This Brochure**

This brochure is designed to give a preliminary idea about the elective courses we are offering. Further details

about the courses and curriculum will be provided in the class. Please pay attention to the prerequisites and grade levels of the courses as you are making your choice.

**\*A student may be transferred out of an elective if pre-requisites are not met.**

**ELECTIVE A**

**DIGITAL ART & YEARBOOK**

In this year-long course, students will utilize technologies such as various



types of digital cameras, chromebooks, and digital images to create their own artistic creations. Students will also be taking photographs, learning how to format pages using the Lifetouch website, and creating the 2018-2019 CASLV yearbook. Students will need a Gmail account in order to store their work on Google Drive. Give your creative side a boost with this Digital Art & Yearbook course.

**Grade Level:** 6 & 7.

**Instructor:** Ms. Greene

**CHOIR**

This semester-long course is a vocal ensemble with the 6th and 7th graders that will study the modern music literature and will sing pop, rock, country and



other popular genres of music adapted for a capella choir and choir with instrumental accompaniment. Students will also study the history of music. The team oriented participation is a large part of the course and it will be graded accordingly. The repertoire will include songs from The Beatles, Billy Joel, Miles Davis, Elvis Presley and some other contemporary artists.

**Grade Level:** 6 & 7.

**Instructor:** Mr. Ota

**WEB DESIGN**

In this semester-long course, students will interact with beginning website design principles using Google Sites, and apply it to the planning, design and development of their own portfolio website over the course of the semester. Students and their parents will be provided with a Google account and password for the course.

**Grade Level:** 6 & 7.

**Instructor:** Ms. Sweet

**PHYSICAL EDUCATION**

This semester-long course consists of traditional PE units such as basketball, soccer, and floor hockey. Students will also focus on life time recreational activities, bocce ball, horse shoes, etc. Each week will consist of one or two skills days, one or two game days, and a fitness day where the students will develop their own fitness/health



program. The students will chose health/fitness goals and develop their own work out, dietary program, and leisure time program.

Students will be empowered to make choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

**Grade Level:** 6 & 7

**Instructor:** Mr. Pomeroy

### SPANISH A

This year-long course will focus on the four key areas of foreign language study: listening, speaking,



reading, and writing. Each unit consists of a new vocabulary theme and grammar that includes reading and listening comprehension, as well as speaking and writing activities. This course will help students to engage in language learning, master common vocabulary terms and phrases, and also comprehend a wide range of grammar patterns. Students will also analyze cultural and artistic aspects of Spanish-speaking countries.

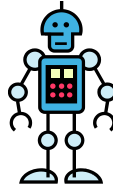
**Grade Level:** 6 & 7

**Instructor:** Mrs. Hendrickson

### ELECTIVE B

#### ROBOTICS

In this year-long elective course, students will be exposed to the various daily uses of robots and automated functions within society. There will be case studies on design, programming, and automation using sensors. Students will expand their critical and systematic thinking skills as they work alongside peers to successfully design, build, and program robots to participate in a tournament facilitated by First Lego League (FLL). Simultaneously, students will be able to utilize Raspberry Pi pocket computers to seek creative ways to use programming language to create and run a program.

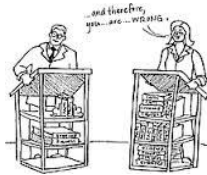


**Grade Level:** 6 & 7.

**Instructor:** Mr. Upton

#### DEBATE & SPEECH

This year-long course is an introductory course to the art of rhetoric. This course will develop and improve public speaking, argumentative skills, and critical thinking skills in communication settings. Students will prepare and deliver speeches and participate in several of in class debates and forums on current topics. Techniques will be taught to control speech anxiety and to



organize information to present to a variety of audiences. As such, the fundamentals of physical and vocal delivery skills, use of language and gesturing, as well as listening skills will be learned.

**Grade Level:** 6 & 7

**Instructor:** Ms. Parker

#### INTRODUCTION TO ENGINEERING

In this semester-long course, students will be introduced to engineering concepts. They will explore what engineering is, the four main branches of engineering (civil, mechanical, electrical and chemical), careers in engineering, along with how engineering impacts our everyday lives and the engineering/design process.



**Grade Level:** 6 & 7

**Instructor:** Mrs. Waits

#### Project Lead The Way (PLTW):

##### GREEN ARCHITECT

In this semester-long course, students will build skills and confidence around activity-, project-, and problem-based (APB) learning. In this project based learning course, students will design affordable housing units. This course will empower students to lead their own discovery. The hands-on program boosts classroom engagement



and excitement, and drives collaboration.

**Grade Level:** 6 & 7

**Instructor:** Ms. Fallon

#### CODING

In this semester-long course, students will be learning to code which is nothing more than telling your computer what to do in a language the computer understands.



This class introduces and implements computer science fundamentals through fun and interactive activities. The activities are focused on problem solving and critical thinking skills. We will be using the Code.org program to learn and explore computer science. It will also help build skills which correlate to the basis of robotics.

**Grade Level:** 6 & 7

**Instructor:** Mrs. Wilder

