Coral Academy of Science Las Vegas is a state sponsored tuition free public charter school located in Henderson within the Las Vegas Valley; serving as a zone free, public, college-prep charter school for grades K-12. CASLV has a rigorous college prep curriculum with an emphasis in the areas of Math, Science, and Technology.

Coral Academy of Science Sandy Ridge Campus (9-12), has a diverse student body with a population of 38% White, 18% Hispanic, 7% African-American, 23% Asian and 11% two or more races and 3% others.

Coral Academy of Science opened its doors to students in the 2007-2008 academic year as a 3rd – 9th grade school and has continually built its grade range. While the Sandy Ridge Campus has a total of 850 students, the high school consists of 600 students. CASLV’s class of 2021 consists of 106 seniors.

Coral Academy of Science offers a College Prep curriculum through a mandatory course for its junior students. In this course, students are taught of time management and test taking skills by teachers trained in these areas. Part of this course is being taught by the school college counselor to cover topics like, career options, getting to know yourself, college types, college application process, scholarships, etc.

All senior students at CASLV have to prepare a senior research project. This is a 10 to 15 page research paper that includes a works cited page and is completed in the APA/MLA format. The project also constitutes a 25 minute presentation with a 15 minute question and answer period in front of a committee of three faculty members. The presentation should be utilizing technology as well as a well-structured oral presentation.

CASLV holds chapters of clubs such as National Honor Society, Key Club, American Red Cross, Model United Nations, and also has an extensive mentorship program, College Mentorship and Leadership Program (CMLP) towards the Congressional Award.

The mission of CASLV is to provide a safe, rigorous college preparatory environment that promotes social responsibility and a culturally diverse community dedicated to becoming lifelong learners bound for success.

US News Best High School #4 in Nevada (2020)
US News Best High School #6 in Nevada (2017)
Nevada Department of Education - Five Star School in 2018 - 2019
Nevada Department of Education - Five Star School in 2017 - 2018
Coral Academy of Science Las Vegas prepares students for college and offers students to accumulate credits that they will need not only to graduate but also be competitive in post-secondary education. The regular course load per student per year is six credits but some students may take seven credits per year depending on their academic background and needs. The students attend 50-minute classes. CASLV offers AP Courses, PLTW Courses, Honor Classes, online classes. Students have the opportunity to have dual-credit.

**ADVANCED PLACEMENT AND HONORS COURSES**

Coral Academy of Science Las Vegas offers advanced Placement courses and/or Honors courses to eligible students. CASLV offered 21 AP courses and 12 Honors courses in 2019-2020 school year. There is a cap to take AP courses for the students. Students could get maximum two AP courses in sophomore year, three AP courses in junior year and four AP courses in senior year. Below is the list of Honors and AP courses that CASLV offered.

**ADVANCED PLACEMENT COURSES: (21)**

<table>
<thead>
<tr>
<th>English Language</th>
<th>Comp Government</th>
<th>Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
<td>Environmental Science</td>
<td>Studio Art: 2D Design</td>
</tr>
<tr>
<td>AP Seminar</td>
<td>Biology</td>
<td>Economics</td>
</tr>
<tr>
<td>AP Research</td>
<td>Chemistry</td>
<td>Psychology</td>
</tr>
<tr>
<td>World History</td>
<td>Physics C: E&amp;M</td>
<td>Computer Sci: Java</td>
</tr>
<tr>
<td>U.S. History</td>
<td>Calculus AB</td>
<td></td>
</tr>
<tr>
<td>U.S. Government</td>
<td>Calculus BC</td>
<td></td>
</tr>
</tbody>
</table>

**HONORS COURSES: (12)**

<table>
<thead>
<tr>
<th>Algebra I</th>
<th>English I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geometry</td>
<td>English II</td>
</tr>
<tr>
<td>Algebra II</td>
<td>Spanish II</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>Debate III</td>
</tr>
<tr>
<td>Biology</td>
<td>Debate IV</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
</tr>
</tbody>
</table>

**GRADE POINT AVERAGE (GPA) CALCULATION**

GPA is computed using the above qualitative points. Beginning with grade nine, all subjects, whether passed or failed, are included in the computation. In order to advance from 9th to 10th grade, a student must earn a minimum of five (5) credits. A minimum of eleven (11) credits is required to reach grade 11 and at least seventeen (17) credits must be earned for grade 12.

A minimum of 22.5 credits is required for graduation. Honors classes are weighted by 0.025; and AP courses are weighted by 0.05 point per semester. Grades are recorded on the transcript and GPA is computed in January and May.

**Class Rank:** The class rank will be calculated at the end of the fall semester of the senior year. Weighted GPA with bonus points will be used to determine the valedictorian and salutatorians. More than one student can share class rank.

**The standard GPA 4.0 grading scale is as follows:**

- A=4.0 (90-100%)  
- B=3.0 (80-89%)  
- C=2.0 (70-79%)  
- D=1.0 (60-69%)  
- F=0 (below 60%)  

**CLASS OF 2020 GRADE DISTRIBUTION**

The cumulative Grade Point Average (GPA) include eight semesters, grades 9-12. There are 64 students in Class of 2018.

<table>
<thead>
<tr>
<th>GPA (UNWEIGHTED)</th>
<th>NUMBER OF STUDENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 4.00—3.50</td>
<td>41</td>
</tr>
<tr>
<td>B 3.49 - 3.00</td>
<td>34</td>
</tr>
<tr>
<td>C 2.99 - 2.00</td>
<td>18</td>
</tr>
</tbody>
</table>
A total of 280 students took 529 exams, which constitutes 55% of the HS population. The statistics are as follow:

**Graduation Rate:** 97.5%

- **4-year college/university acceptance:** 73%
- **2-year community college attendance:** 17%

**School totals**

<table>
<thead>
<tr>
<th>School totals</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
<th>Total Exams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Exams</td>
<td>92</td>
<td>127</td>
<td>160</td>
<td>93</td>
<td>57</td>
<td>529</td>
</tr>
<tr>
<td>Percentage of Total</td>
<td>17%</td>
<td>24%</td>
<td>30%</td>
<td>18%</td>
<td>11%</td>
<td>100</td>
</tr>
</tbody>
</table>

**DIPLOMA TYPES**

<table>
<thead>
<tr>
<th>COURSES</th>
<th>STANDARD</th>
<th>ADVANCED</th>
<th>HONORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANGUAGE ARTS</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>3</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>WORLD HISTORY</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>US HISTORY</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>US GOVERNMENT</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICAL EDUCATION</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>COMPUTER LITERACY</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>HEALTH</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>ART AND HUMANITIES</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>ELECTIVES</td>
<td>5</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>FOREIGN LANGUAGE</td>
<td>NA</td>
<td>NA</td>
<td>2</td>
</tr>
<tr>
<td>TOTAL CREDITS</td>
<td>23</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>REQUIRED U/W GPA</td>
<td>NA</td>
<td>3.0</td>
<td>3.4</td>
</tr>
</tbody>
</table>

**RECENT COLLEGE ACCEPTANCES**

- American University
- Amherst College
- Arizona State University
- Baker University
- Biola University
- Boston College
- Boston University
- Brown University
- Cal Poly Pomona
- Carleton College
- Carrol College
- College of New Jersey
- College of William and Mary
- Colorado School of Mines
- Concordia University
- Cornell University
- Dartmouth College
- Duke University
- Embry Riddle
- Emerson College
- Emory University
- George Mason Univ
- Georgetown University
- George Washington University
- Georgia Inst of Technology
- Lehigh University
- Lewis and Clark College
- Marquette Univ
- MIT
- New Mexico Inst of Technology
- New York Inst of Tech
- New York University
- Northeastern University
- Northern Arizona University
- Notre Dame De Namur Univ
- Penn State, Schreyer Honors
- College
- Pepperdine University
- Pitzer College
- Purdue University
- Rensselaer Polytechnic Inst
- Rose-Hulman Inst of Tech
- Rutgers Univ-New Brunswick
- St John's University
- Stevens Institute of Tech
- Stony Brook University
- Syracuse University
- Trinity College
- Tufts University
- University of Arizona
- University of British Columbia
- UC Berkeley
- UC Davis
- UC Irvine
- UCLA
- UC Riverside
- UCSD
- UC Santa Cruz
- University of Chicago
- UC Boulder
- Univ of Denver
- University of Kansas
- University of Mass, Amherst
- UMD, College Park
- University of Miami
- UNLV
- UNR
- University of Oregon
- UPENN
- University of Portland
- University of Puget Sound
- University of Rhode Island
- University of Rochester
- Univ of San Francisco
- USC
- University of Texas, Austin
- University of Utah
- University of Washington
- Utah State University
- USMA (West Point)
- Vanderbilt University
- Washington Univ in St Louis
- Whittier College
- Yale University