

Coral Academy of Science Las Vegas Sandy Ridge

State Public Charter School Authority

1051 Sandy Ridge Ave
Grade Levels: 08-12
Website: <http://www.caslv.org/>

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2019-2020 School Accountability Report

For more information visit www.nevadareportcard.nv.gov

Mission Statement

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.

Principal's Highlights

Coral Academy of Science is a 5-star high school serving grades 8-12. In 2018 it was recognized as being one of two of the first charter schools to receive Governor's STEM Designation. It is ranked the #1 charter school in the state of Nevada by US News and World report and was included as one of America's Top High Schools by The Washington Post. CASLV has a 100% graduation rate. The school provides students with a rigorous college-prep curriculum including 21 Advanced Placement courses. On average, high school students take more than 1 AP exam per student. 65.6% of our Senior class has at least one passing AP score. The school had a 24.8 ACT composite average score in 2019. Almost 100% of CASLV seniors are accepted into a college or university every year. CASLV is the first school in Clark County to be selected as a pilot school for the College Board's Pre-AP Program. Students boast accomplishments in the areas of Speech and Debate, having earned bids to National Tournaments annually, and in a variety of math and science competitions throughout the country. Students earned six Congressional Gold Medals, four silver medals, and four bronze medals. Students in this program completed more than 800 hours in the areas of physical fitness, community service, and personal development. 89% of graduating students are College and Career Ready per Nevada State Standards.

- CASLV is a K-12, tuition-free, STEM-focused accredited public charter school, offering extra-curricular activities for all grades.
- CASLV was named a 5-Star "Quality School" two years in a row and has been designated as a Governor's STEM School
- CASLV students have achieved a 81% passing rate at the AP exams. Nevada average in those exams is 53%.
- The CASLV FLL Robotics Team earned 2nd place Champions Award in Nevada and will represent Nevada in the World Championship and first place in the area of Mechanical Design.
- Six CASLV students have achieved a Congressional Gold Medal Award by completing 400 hours of Voluntary Public Service, 200 hours of Personal Development, 200 hours of Physical Fitness, and 5 days and 4 nights of Expedition or Exploration. Additionally, students earned four silver medals, and four bronze medals of Congressional Award.
- CASLV earned 14 awards in eight events and 4 awards in 4 events in the Science Olympiads. Sandy Ridge Middle School Science Bowl team placed 3rd in the Arizona/Nevada Science Bowl Regional Event
- Our 8th grade Math League Team earned 1st place in the nation.
- According to U.S. News and World Report, CASLV is ranked #1 charter high school in the state of Nevada and is in the top 3% of public high schools in the nation.
- The CASLV Athletics Center was constructed in the Fall of 2018. During the 2019-2020 school year, in their first season playing games in the new gym, the Boys Varsity Basketball team finished the season with an impressive record of 19 wins and 5 losses. They also won the championship of the Nevada Student Athlete Invitational end of season tournament. The Girls Varsity Basketball team had an equally impressive season, finishing with a record of 14 wins and 2 losses, also winning the NSAI tournament championship. Not to be left out, the CASLV Girls Junior Varsity Volleyball team had an undefeated season, defeating all 13 opponents they faced.

Goals and Objectives

Goal 1

To increase the academic achievement of the students at all levels in Math, Reading, and Writing areas to achieve high achieving star status as measured by NSPF.

Objective(s):

Objective - Increase the proficiency of all students as measured by the State Assessments in the areas of reading, math, and writing.

Objective- Increase the percentage of students meeting the SGP target for closing opportunity gaps on SBAC by 20% as measured by NSPF.

Goal 2

Increase the ACT Composite Average from 24.8 to 26 by 1.2 points.

Objective(s):

Objective: Increase the number of students meeting college readiness benchmarks in all subject areas.

Objective - 100% of high school students will have an individualized four-year plan.

School Communication Efforts

Coral Academy of Science Las Vegas sends out quarterly newsletters to parents and board members via email. The school also corresponds with parents via email regarding any important information and updates. CASLV maintains and consistently updates the school website, which contains school contact information for each campus. Progress reports and report cards are sent home at the middle and end of each quarter, respectively. In addition, parents are able to access their child's grades in "real-time" through the Infinite Campus parent portal. There are several opportunities for parents to meet with teachers at various open houses, parent-teacher conferences, and back-to-school nights. Parent Education nights on topics specific to parent and student needs are presented throughout the school year. In addition, students are given free tutoring opportunities after school in all core content areas.

Curriculum Details

Curriculum: Coral Academy of Science Las Vegas provides a rigorous college-prep curriculum aligned with the Nevada Standards of Education. Our goal is to challenge students so that they can achieve their highest potential. CASLV fosters differentiated education that supports each student to reach their highest academic potential. All high school students must complete a comprehensive research and a senior project associated with their research in order to graduate. They must present their research in front of a committee and defend it.

Classes: Students are exposed to a core curriculum which includes Reading, Writing, Math, Science, and Social studies. Students are offered a choice of elective courses such as art, music, foreign languages, advanced science, advanced math, and robotics. Students also have an opportunity to take Project Lead the Way (PLTW) classes in two tracks: Biomedical Science and Engineering. Pre AP Courses are offered in Grades 9 & 10.

Specialized Grouping: CASLV provides students with the opportunity for each student to accelerate at their own pace within core content areas. Students are assessed before beginning at CASLV as well as throughout the school year in order to ensure that students are in the most conducive learning environment.

Academic Incentives: Based on their GPA, many students at CASLV also receive school-wide and in-classroom prizes and awards. Students who earn a 4.0 GPA in a semester are rewarded with a luncheon by the principal.

Contests: CASLV believes that the students should be encouraged to participate in events that are taking place outside school. CASLV students participate in events such as Science Olympiad, First Lego League Robotics, Science Bowl, Regional Math contests, Regional Science Fairs, etc. The curriculum of the advanced math, advanced science, and robotics programs are designed with keeping these activities in mind. Beginning in kindergarten, students participate in yearly science competitions.

Demographics and Student Information

Data are provided by the Nevada Department of Education from the state student information system. Gender, race/ethnicity, and special student populations are reported as of validation day.

	#	Ethnicity														Gender			
		Am In/ AK Native		Asian		Hispanic		Black		White		Pacific Islander		Two or More Races		Male		Female	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
State	496,761	4,067	0.82	27,034	5.44	212,070	42.69	56,894	11.45	155,762	31.36	7,246	1.46	33,688	6.78	255,658	51.46	241,103	48.54
State Public Charter Schools	47,624	217	0.46	3,660	7.69	15,566	32.69	5,006	10.51	18,095	38	788	1.65	4,292	9.01	23,695	49.75	23,929	50.25
CASLV SandyRidge Academy	846	3	0.35	216	25.53	138	16.31	48	5.67	327	38.65	20	2.36	94	11.11	479	56.62	367	43.38

Data as of Validation Day

'-' indicates data not presented for groups fewer than 10 in order to protect the student privacy under FERPA.

'N/A' indicates that this population was not present.

'**' indicates that the data was not available.

District totals do not include state or district sponsored charter school data. (2008-Current)

| means these schools are CEP or Provision 2 Schools and officials do not track who eats breakfast or lunch.

Adult Education is not included in the totals.

Special Populations

	#	Individual Education Program		English Learners		Free or Reduced Priced Lunch Eligible		Free or Reduced Priced Lunch Receiver	Free or Reduced Priced Breakfast Eligible		Free or Reduced Priced Breakfast Receiver	Migrant	
		#	%	#	%	#	%	%	#	%	%	#	%
State	496,761	62,971	12.68	70,219	14.14	326,822	65.79	54.47	323,503	65.12	47.8	134	0.03
State Public Charter Schools	47,624	4,491	9.43	3,009	6.32	16,123	33.85	10.72	13,765	28.9	5.25	25	0.05
CASLV SandyRidge Academy	846	30	3.55	18	2.13	117	13.83	4.14	-	-	0	0	0

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IEP= Students with disabilities

EL= Students who are English Learners

FRL= Students qualifying for Free/Reduced Price Lunch

District totals do not include state or district sponsored charter school data. (2008-Current)

| means these schools are CEP or Provision 2 Schools and officials do not track who eats breakfast or lunch.

Adult Education is not included in the totals.

Student Average Daily Attendance (ADA)

Student Average Daily Attendance (ADA) is the percentage of the school enrollment in attendance on an "average school day" as of the 100th day of school.

	All Students	Am In/ AK Native	Asian	Hispanic	Black	White	Pacific Islander	Two or More Races	IEP	ELL	FRL
State	94.6	93.5	>95	94.3	93.3	95.0	93.9	94.6	93.1	94.2	93.9
State Public Charter Schools	>95	>95	>95	>95	>95	>95	94.7	>95	>95	>95	>95
CASLV SandyRidge Academy	>95	-	>95	>95	>95	>95	>95	>95	>95	>95	>95

ADA Data as of: First 100 days of instruction

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IEP = Students with disabilities

ELL = Students who are English Language Learners

FRL = Students qualifying for Free/Reduced Price Lunch

Top and bottom coding applied to values that fall <5% or >95%, in order to protect student privacy.

District totals do not include state or district sponsored charter school data. (2008-Current)

Transiency, Truancy, and Discipline

	Transiency		Discipline	
	Transiency Rate**	# of Students	# of Students	
			Habitual Disciplinary Problems	Habitual Truants
State	19.2	184	3,277	
State Public Charter Schools	14.1	29	2,645	
CASLV SandyRidge Academy	5	0	0	

	# of Incidents (Suspensions or Expulsions)					
	Violence to Students	Violence to Staff	Weapons	Dist. Controlled Substances	Possession/ Use Controlled Substances	Possession/ Use of Alcohol
State	9,551	714	688	154	3,205	416
State Public Charter Schools	296	26	26	6	65	10
CASLV SandyRidge Academy	6	0	0	0	2	0

	# of Incidents Bullying			# of Incidents Cyber Bullying		
	Incidents Reported	Incidents Determined to be so after an Investigation	Incidents Suspension/ Expulsion	Incidents Reported	Incidents Determined to be so after an Investigation	Incidents Suspension/ Expulsion
State	3,543	2,640	2,379	470	370	351
State Public Charter Schools	252	58	29	70	31	29
CASLV SandyRidge Academy	2	2	2	1	1	1

Data as of: End of school year

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Discipline and Transiency incidents are reported at the school where the action occurred. Users should note that this data may have been affected by the early closure of school facilities in spring of 2019-20 due to the COVID 19 pandemic. Consequently, results for 2019-20 may not be comparable to previous years.

**The purpose of some alternative programs is to enroll students for a short period of time until they can reenroll in a comprehensive school; therefore, transiency rates may be greater than 100% or N/A. Data reported as of the end of the school year.

Retention by Grade

	K		1		2		3		4		5		6		7		8	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
State	436	<5	427	<5	214	<5	121	<5	79	<5	43	<5	106	<5	126	<5	186	<5
State Public Charter Schools	68	<5	58	<5	40	<5	49	<5	47	<5	16	<5	49	<5	53	<5	37	<5
CASLV SandyRidge Academy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	<5	-	-

Data as of: Count Day

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District totals do not include state or district sponsored charter school data. (2008-Current)

Because of the changes in law (NAC 387.659) in 2009-2010 that affected the way credit deficient students are identified, results prior to this date and post this date cannot be compared.

Users should note that this data may have been affected by the early closure of school facilities in spring of 2019-20 due to the COVID 19 pandemic. Consequently, results for 2019-20 may not be comparable to previous years.

Credit Deficiency by Grade 9

	9										
	#	%	# English Learners	% English Learners	# Free or Reduced Priced Lunch Eligible	% Free or Reduced Priced Lunch Eligible	% Free or Reduced Priced Lunch Receiver	# Free or Reduced Priced Breakfast Eligible	% Free or Reduced Priced Breakfast Eligible	% Free or Reduced Priced Breakfast Receiver	
State	3,711	9.8	795	16.6	3,155	13.5	14.6	3,146	13.6	15.5	
State Public Charter Schools	100	<5	-	-	58	7	-	53	7.7	N/A	
CASLV SandyRidge Academy	0	<5	0	<5	0	<5	<5	N/A	N/A	N/A	

Credit Deficiency by Grade 10

	10									
	#	%	# English Learners	% English Learners	# Free or Reduced Priced Lunch Eligible	% Free or Reduced Priced Lunch Eligible	% Free or Reduced Priced Lunch Receiver	# Free or Reduced Priced Breakfast Eligible	% Free or Reduced Priced Breakfast Eligible	% Free or Reduced Priced Breakfast Receiver
State	5,598	15.3	1,163	26.1	4,362	19.7	20.2	4,333	19.8	21.1
State Public Charter Schools	232	11	11	8.6	136	16.4	10.2	129	17.8	N/A
CASLV SandyRidge Academy	-	-	0	<5	-	-	-	N/A	N/A	N/A

Credit Deficiency by Grade 11

	11									
	#	%	# English Learners	% English Learners	# Free or Reduced Priced Lunch Eligible	% Free or Reduced Priced Lunch Eligible	% Free or Reduced Priced Lunch Receiver	# Free or Reduced Priced Breakfast Eligible	% Free or Reduced Priced Breakfast Eligible	% Free or Reduced Priced Breakfast Receiver
State	6,653	18.5	1,443	34.9	4,968	23.6	24.1	4,932	23.7	24.3
State Public Charter Schools	205	10	14	17.5	114	15.6	-	112	16.9	N/A
CASLV SandyRidge Academy	0	<5	0	<5	0	<5	<5	N/A	N/A	N/A

Credit Deficiency by Grade 12

	12									
	#	%	# English Learners	% English Learners	# Free or Reduced Priced Lunch Eligible	% Free or Reduced Priced Lunch Eligible	% Free or Reduced Priced Lunch Receiver	# Free or Reduced Priced Breakfast Eligible	% Free or Reduced Priced Breakfast Eligible	% Free or Reduced Priced Breakfast Receiver
State	3,009	8.8	634	16.7	2,272	11.6	12.1	2,263	11.7	12.3
State Public Charter Schools	187	10.2	27	28.7	119	16.8	-	118	17.6	N/A
CASLV SandyRidge Academy	0	<5	0	<5	0	<5	<5	N/A	N/A	N/A

Data as of: Count Day

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Because of the changes in law (NAC 387.659) in 2009-2010 that affected the way credit deficient students are identified, results prior to this date and post this date cannot be compared.

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Student/Teacher Ratio

	All Schools#	Kindergarten++	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade
State	22:1	21:1	19:1	20:1	21:1	27:1	27:1	22:1	18:1	22:1
State Public Charter Schools	27:1	29:1	29:1	28:1	29:1	24:1	27:1	18:1	23:1	18:1
CASLV SandyRidge Academy	+	+	+	+	+	+	+	+	+	+

Data as of: December 1st

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"+" Teachers may serve multiple grade levels as needed. Student/Teacher Ratio is reported for the school as a whole.

"++" Kindergarten ratios are based on the number of classes, not teachers.

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Average Class Size

Average Class Size is listed for all classes where students rotate to different teachers for different subjects.

	English	Mathematics	Science	Social Studies
State	22	23	26	26
State Public Charter Schools	27	24	28	28
CASLV SandyRidge Academy	25	20	22	21

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Data as of: December 1st

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Annual Dropout Rate for the Prior School Year

	Total %	Grade 8 %	Grade 9 %	Grade 10 %	Grade 11 %	Grade 12 %	Grade 9-12 %
State	2.29	2.28	1.67	2.28	2.79	2.33	2.26
CASLV SandyRidge Academy	0.62	0.00	0.00	1.59	0.00	2.22	0.89

Data as a of: Previous School Year

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Data in grade 9-12 excludes pupils:

who successfully completed HSE assessment,

who are enrolled in approved courses for an adult standard diploma, withdrew from school to attend another school.

Data is not displayed for a group where enrollment information is missing.

Negative value indicates rate cannot be calculated due to zero enrollment.

Nevada System of Higher Education Remedial Data

Students enrolled in remedial courses within the Nevada System of Higher Education (NSHE) do not reflect all graduates. Some graduates do not attend college or they attend college out of state.

	# Enrolled	# Remediated	% Remediated
State	N/A	N/A	N/A
State Public Charter Schools	N/A	N/A	N/A
CASLV SandyRidge Academy	N/A	N/A	N/A

Data as of: End of school year

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Graduation Rate: Class of 2019

	Female	Male	Am In/AK Native	Asian	Black	Hispanic	Two or More Races	Pacific Islander	White	Total
	Graduation Rate	Graduation Rate	Graduation Rate	Graduation Rate	Graduation Rate	Graduation Rate	Graduation Rate	Graduation Rate	Graduation Rate	Graduation Rate
State	87.42	80.91	74.36	94.18	72.18	82.95	85.68	88.52	87.34	84.11
State Public Charter School Authority	81.92	72.62	57.14	92.08	69.57	71.9	83.81	75	81.92	77.79

School

Coral Academy of Science Las Vegas Sandy Ridge	97.96	97.67	-	95.45	0	100	-	N/A	97.78	97.83
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*** indicates that the data was not available.

For further explanation on cohort graduation indicators and other terminology, please see the glossary section.

Cohort Graduation Rate is lagging data, which means that for 2012-2013 Report Card, data from 2011-2012 school year (class of 2012) is being reflected. Likewise, in the 2011-2012 Report Card, data from 2010-2011 (class of 2011) school year is reflected.

High School Completion Indicators: Class of 2019

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Group	Graduating Class of	Completion Indicators							
		Adjusted Diploma	Adult Diploma	Advanced Diploma	Certificates of Attendance	Standard Diploma	HSE	Alternative Diploma	College and Career Ready Diploma
State	2018-2019	97	369	6579	-	18815	49	14	5211
State Public Charter School Authority	2018-2019	-	-	312	-	779	-	-	233
Coral Academy of Science Las Vegas Sandy Ridge	2018-2019	-	-	64	-	26	-	-	-

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Cohort graduation rate data is lagging data.

Summary of Standards-Based Test Performance

No assessment data is reported in 2020-21 per USDOE COVID-19 Waiver.

Fiscal Information

The Elementary and Secondary Education Act of 1965 (ESEA) as amended by the Every Student Succeeds Act (ESSA) requires the reporting of the per-pupil expenditures including actual personnel and non-personnel expenditures, disaggregated by source of funds, for each school district and each school in the state for the preceding fiscal year. For more details, please visit www.nevadareportcard.nv.gov where comprehensive and interactive data tables and individual school level financial reports are available.

Personnel Information

Classes Not Taught by Highly Qualified Teachers

Highly qualified teachers hold a minimum of a bachelor's degree, are licensed to teach in the State of Nevada, and have demonstrated competence in their teaching area. Data were obtained from the Office of Teacher Licensure as of May 2020.

	English/ Reading/ Lang. Arts	Mathematics	Science	Social Studies	Foreign Languages	Arts	Elementary	Poverty Level
	%	%	%	%	%	%		
State	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
State Public Charter Schools	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
CASLV SandyRidge Academy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	L

Teacher Data as of: May 1st (2008-Current)

“N/A” indicates that this population was not present.

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District totals do not include state or district sponsored charter school data. (2008-Current)

(H) = High Poverty School - defined as being within the bottom quartile throughout the state of percentages of students who qualify for free or reduced-price lunch

(L) = Low Poverty School - defined as being within the top quartile throughout the state of percentages of students who qualify for free or reduced-price lunch

Teacher Average Daily Attendance

	Average Daily Attendance
State	95.7
State Public Charter Schools	-
CASLV SandyRidge Academy	97.6

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Teacher Data as of: May 1st (2008-Current)
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 (H) = High Poverty School - defined as being within the bottom quartile throughout the state of percentages of students who qualify for free or reduced-price lunch
 (L) = Low Poverty School - defined as being within the top quartile throughout the state of percentages of students who qualify for free or reduced-price lunch

Persons Employed as Substitute Teachers

	Grade Level	Subjects									
		Elementary		Mathematics		Science		Social Studies		English	
		Long Term	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Short Term
State	K-12	2,231	66,877	605	8,015	169	5,121	93	5,065	254	10,671
State Public Charter Schools	K-12	250	3,031	54	510	78	457	65	295	71	601
CASLV SandyRidge Academy	08-12	0	0	30	25	56	31	0	27	0	23

Substitute Teachers Data as of: June 30th (2008-Current)
 'N/A' indicates that this population was not present.
 '**' indicates that the data was not available.

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 The reporting of long-term substitute teacher data began in 2005-2006. Short-term substitute teacher data will be reported for the first time on the 2006-2007 report.

School NSPF Results:

2019-2020 NSPF results are not available. School ratings will be reported in Fall 2021.

Note: District totals do not include state or district sponsored charter school data.

The development of this annual state accountability report is a joint effort among the Nevada Department of Education and Nevada school districts. This report is provided to the public as required by the federal Every Student Succeeds Act (ESSA) and NRS 385A.400. A comprehensive listing of all accountability data, including student test data, may be accessed on the Nevada Annual Reports of Accountability website at www.nevadareportcard.nv.gov.