



Da Vinci Science

201 N. Douglas Street • El Segundo, CA 90245 • (310) 725-5800 • Grades 9-12

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2018-19 School Accountability Report Card Published During the 2019-20 School Year



Da Vinci Science High School

201 N. Douglas Street
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District Governing Board

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Dr. Matthew Wunder
Superintendent

Mission

Da Vinci Schools exist to provide our students a real world, project-based, college preparatory curriculum. We create and support a culture of high expectations for all, where students grow in knowledge and wisdom, develop new skills, and form safe and strong relationships with teachers, peers, parents, and the community. Furthermore, the K-8 school exists to run a family collaborative instructional model that supports children to become caring, confident learners in a compassionate learning community that respects and values different interests, abilities, learning styles, ethnicities, and cultural backgrounds. Da Vinci Science High School exists to provide our students a rigorous, relevant, and hands-on college preparatory education which emphasizes science & engineering in a safe and supportive school family

Vision

Da Vinci Schools will be an environment in which informed, resourceful and reflective students become college-ready, career-prepared, and community-minded individuals who graduate from post-secondary programs to become productive members and respected leaders in the global community. Da Vinci Science High School will be recognized by colleges, local industry, and the Wiseburn community as a top engineering high school in California where students master the content of all disciplines.

Philosophy

Da Vinci Schools were founded on the principle that all students will graduate as collaborative, informed, resourceful and reflective individuals who are college-ready, career-prepared, and community-minded. We believe that the Three R's of education -- rigor, relevance and relationships -- are essential to student success. Research shows when learning is challenging, hands-on, interesting, personalized, and incorporates the technology that students use in their daily lives, students are more motivated, have higher attendance rates, are more likely to retain the knowledge, and graduate and attend college in higher numbers. Our schools combine a project-based, college preparatory curriculum with real-world active learning, internships/work experience, and early college classes ensuring that students acquire the 21st century skills needed for today's 21st century workplace. All of us in the Da Vinci community -- students, families, staff, board members, community partners and supporters -- are committed to ensuring that every Da Vinci student graduates with the knowledge, skills, confidence and compassion needed for success in college, career, and life.

Da Vinci Science High School's mission is to provide our students a rigorous, relevant, and hands-on college preparatory education which emphasizes science & engineering in a safe and supportive school family. Our vision is that Da Vinci Science High School will be recognized by colleges, local industry, and the Wiseburn community as a top engineering high school in California, where students master the content of all disciplines. Da Vinci Science students take a rigorous, college preparatory curriculum that is integrated with hands-on, real-world learning and career pathway classes that focus on the knowledge and skill sets needed for 21st century jobs.

Through hands-on, interdisciplinary projects, students are challenged to think like scientists, engineers, architects, designers, and programmers and to solve real-world problems through a process of inquiry, teamwork and design. Examples of recent projects can be found in the DVS Project Books, compilations of projects by teachers. Student progress is measured and assessed through traditional assessments as well as public presentations of learning and exhibitions. All teachers use Mastery-Based Grading based on identified essential skills and a common gradebook architecture. In 2013, Da Vinci Science was certified as a Project Lead the Way (PLTW) school. PLTW is the leading provider of rigorous and innovative STEM curricula used in middle and high schools across the U.S. In a recent Huffington Post article, Dr. Vince Bertram, the president and CEO of PLTW, called Da Vinci Science "a global model for STEM education."

Da Vinci Science has formed extensive partnerships with local companies, universities and nonprofits, including Northrop Grumman, Boeing, Chevron, Raytheon, SpaceX, Project Lead The Way, El Camino College, Cal Poly San Luis Obispo, and many others. These STEM professionals provide mentoring, internships, project support, work experience opportunities, and software training, as well as help us identify the real-world knowledge and skill sets that students need to know that do not appear in the Common Core State Standards. DVS students also have the opportunity to enroll in Early College/Dual Enrollment classes that count for both high school and college credit through El Camino College. Our community partners play a vital role by helping to align our projects to industry expertise and standards. Success in the 21st century requires new skill sets and a different approach to learning. All of us in the Da Vinci community -- students, families, staff, board members, community partners and supporters -- are committed to ensuring that every Da Vinci student graduates with the knowledge, skills, confidence and compassion needed for success in college and the global workforce.

About Us

The Da Vinci Schools opened in August 2009 as independently governed and operated public charter high schools serving the Wiseburn community and children from 45+ zip codes. Da Vinci Schools are a nonprofit independently governed Local Education Agency authorized by the Wiseburn Unified School District and approved by the California Department of Education. Da Vinci Schools and the Wiseburn Unified School District operate as two legal entities to take advantage of operating flexibilities and significant resources, but with one common purpose. Both organizations are fundamentally focused on providing an outstanding educational experience for the Wiseburn community and other families.

Da Vinci Science is a small, public charter high school in Los Angeles authorized by the Wiseburn Unified School District and accredited by the Western Association of Schools and Colleges (WASC). DVS offers a real world, project-based curriculum with an engineering focus through the national Project Lead the Way program. All DVS students take University of California (UC)/California State University (CSU) approved college-prep courses. Project Lead the Way curricula, Project Based Learning, Mastery Based Grading, and personalization of student experience give students a four-year learning experience that is both broad and in-depth. These strengths translate into college-ready students. Ninety-eight percent of the class of 2014 successfully completed their "a-g" requirements for admission to a UC or CSU school; 100% of graduates were accepted to college; and 84% were accepted to a four-year college or university.

Serving diverse students from 80 zip codes across Los Angeles County, Da Vinci Science is located in the heart of aerospace country. Several major STEM (Science, Technology, Engineering and Math)-focused companies such as Northrop Grumman, Raytheon, Boeing, Chevron, and The Aerospace Corp are located within blocks of Da Vinci Science. Da Vinci Science capitalizes on this opportunity by having engineers and scientists work directly with students and teachers. These industry experts help students master the real-world knowledge and skills that do not appear in the Common Core education standards. Da Vinci Science is a member of the Coalition of Essential Schools and is a certified charter school of the California Charter Schools Association. In 2010, Da Vinci Schools received full accreditation by the Western Association of Schools & Colleges (WASC). In 2013, Da Vinci Design and Da Vinci Science were reaccredited by WASC for 6 years, the longest accreditation term the organization grants to any institution.

Major Achievements

- Da Vinci Science is called a "global model for STEM education" in a Huffington Post article penned by Dr. Vince Bertram, the president and CEO of Project Lead The Way.
- Class of 2019 graduates are college ready and career prepared with 92% of graduating seniors having met UC and CSU "A-G" requirements for admission and 73% of whom received four-year university offers.
- Da Vinci Science graduates have been accepted to every UC and CSU university, as well as Yale University, MIT, Stanford University, Columbia University, University of Pennsylvania, Princeton University, Purdue University, Carnegie Mellon University, Johns Hopkins University, and many more.
- In 2014, Da Vinci Science was invited by Los Angeles Unified School District to serve as a best practice demonstration site for establishing a regional real world learning model as part of a \$15 million Career Pathways Grant from the state's Department of Education for programs linking learning and career and technical education.
- Da Vinci Science FIRST Robotics Team 4201, the "Vitruvian Bots," finished 5th out of 66 teams in the 2014 Los Angeles Regional Competition, and their alliance finished in third place. In addition, Da Vinci won the Imagery Award and the Motorola Quality Award.

- Three Da Vinci Science 9th graders captured 2nd place in the 2014 Chevron Design Challenge state finals coming within one point of the first place team. The freshmen trio of young women won the Chevron Design Challenge regional competition, beating out 16 teams from Southern California, many of whom were juniors and seniors.
- In 2013, Da Vinci Science received certification for its Project Lead the Way program.
- One Da Vinci Science student in 2014, and three in 2013, were named Gates Millennium Scholars, a nationally competitive and elite scholarship program that provides full financial support for undergraduate and graduate school programs for 10 years.
- Da Vinci Science was named among an elite group of Schools That Can.
- In 2019, Da Vinci Science was re-accredited by the Western Association of Schools & Colleges for six years, the longest accreditation term granted by WASC.

Focus for Improvement

Da Vinci Science has prioritized areas for growth as follows:

- Develop & implement a systematic approach for supporting struggling students.
- Increase the use of student performance data to refine course curriculum and teaching strategies.
- Grow the culture of advisory and strengthen the involvement of parents.

About the SARC

By February 1 of each year, every school in California is required by state law to publish a School Accountability Report Card (SARC). The SARC contains information about the condition and performance of each California public school. Under the Local Control Funding Formula (LCFF) all local educational agencies (LEAs) are required to prepare a Local Control and Accountability Plan (LCAP), which describes how they intend to meet annual school-specific goals for all pupils, with specific activities to address state and local priorities. Additionally, data reported in an LCAP is to be consistent with data reported in the SARC.

- For more information about SARC requirements, see the California Department of Education (CDE) SARC web page at <https://www.cde.ca.gov/ta/ac/sa/>.
- For more information about the LCFF or LCAP, see the CDE LCFF web page at <https://www.cde.ca.gov/fg/aa/lc/>.
- For additional information about the school, parents/guardians and community members should contact the school principal or the district office.

2018-19 Student Enrollment by Grade Level

Grade Level	Number of Students
Grade 9	136
Grade 10	131
Grade 11	141
Grade 12	159
Total Enrollment	567

2018-19 Student Enrollment by Group

Group	Percent of Total Enrollment
Black or African American	7.4
American Indian or Alaska Native	0.2
Asian	6.5
Filipino	1.1
Hispanic or Latino	59.1
Native Hawaiian or Pacific Islander	0.2
White	15.9
Two or More Races	4.2
Socioeconomically Disadvantaged	39
English Learners	1.8
Students with Disabilities	11.5
Homeless	0.7

A. Conditions of Learning

State Priority: Basic

The SARC provides the following information relevant to the State priority: Basic (Priority 1):

- Degree to which teachers are appropriately assigned and fully credentialed in the subject area and for the pupils they are teaching;
- Pupils have access to standards-aligned instructional materials; and
- School facilities are maintained in good repair

Teacher Credentials for Da Vinci Science	17-18	18-19	19-20
With Full Credential	26	26	26
Without Full Credential	0	0	0
Teaching Outside Subject Area of Competence	0	0	0

Teacher Credentials for Da Vinci Science High	17-18	18-19	19-20
With Full Credential	♦	♦	106
Without Full Credential	♦	♦	3
Teaching Outside Subject Area of Competence	♦	♦	1

Teacher Misassignments and Vacant Teacher Positions at Da Vinci Science

Indicator	17-18	18-19	19-20
Teachers of English Learners	0	0	2
Total Teacher Misassignments*	0	0	2
Vacant Teacher Positions	0	0	0

* Note: "Misassignments" refers to the number of positions filled by teachers who lack legal authorization to teach that grade level, subject area, student group, etc.

*Total Teacher Misassignments includes the number of Misassignments of Teachers of English Learners.

Quality, Currency, Availability of Textbooks and Instructional Materials (School Year 2019-20)

Da Vinci Schools use primarily online teaching materials and primary and secondary texts for our courses. We do not utilize textbooks and do not have a textbook adoption list.

Textbooks and Instructional Materials

Year and month in which data were collected:

Core Curriculum Area	Textbooks and Instructional Materials/Year of Adoption
Reading/Language Arts	

Note: Cells with N/A values do not require data.

School Facility Conditions and Planned Improvements (Most Recent Year)

School Facility Good Repair Status (Most Recent Year)
Year and month in which data were collected: January 2020

System Inspected	Repair Status	Repair Needed and Action Taken or Planned
Systems: Gas Leaks, Mechanical/HVAC, Sewer	Good	
Interior: Interior Surfaces	Good	
Cleanliness: Overall Cleanliness, Pest/ Vermin Infestation	Good	
Electrical: Electrical	Good	
Restrooms/Fountains: Restrooms, Sinks/ Fountains	Good	
Safety: Fire Safety, Hazardous Materials	Good	
Structural: Structural Damage, Roofs	Good	
External: Playground/School Grounds, Windows/ Doors/Gates/Fences	Good	
Overall Rating	Good	

B. Pupil Outcomes

State Priority: Pupil Achievement

The SARC provides the following information relevant to the State priority: Pupil Achievement (Priority 4):

- **Statewide assessments** (i.e., California Assessment of Student Performance and Progress [CAASPP] System, which includes the Smarter Balanced Summative Assessments for students in the general education population and the California Alternate Assessments [CAAs] for English language arts/literacy [ELA] and mathematics given in grades three through eight and grade eleven. Only eligible students may participate in the administration of the CAAs. CAAs items are aligned with alternate achievement standards, which are linked with the Common Core State Standards [CCSS] for students with the most significant cognitive disabilities); and
- The percentage of students who have successfully completed courses that satisfy the requirements for entrance to the University of California and the California State University, or career technical education sequences or programs of study

CAASPP Test Results in ELA and Mathematics for All Students

Grades Three through Eight and Grade Eleven

Percentage of Students Meeting or Exceeding the State Standard

Subject	School 17-18	School 18-19	District 17-18	District 18-19	State 17-18	State 18-19
ELA	79	86	72	74	50	50
Math	59	56	53	57	38	39

Note: Percentages are not calculated when the number of students tested is ten or less, either because the number of students in this category is too small for statistical accuracy or to protect student privacy.

Note: ELA and mathematics test results include the Smarter Balanced Summative Assessment and the CAA. The "Percent Met or Exceeded" is calculated by taking the total number of students who met or exceeded the standard on the Smarter Balanced Summative Assessment plus the total number of students who met the standard (i.e., achieved Level 3–Alternate) on the CAAs divided by the total number of students who participated in both assessments.

CAASPP Test Results in Science for All Students

Grades Five, Eight, and Ten

Percentage of Students Meeting or Exceeding the State Standard

Subject	School 17-18	School 18-19	District 17-18	District 18-19	State 17-18	State 18-19
Science	N/A	N/A	N/A	N/A	N/A	N/A

Note: Cells with N/A values do not require data.

Note: This is a placeholder for the California Science Test (CAST) which was administered operationally during the 2018-19 school year. However, these data are not available for inclusion in the 2018-19 SARC posting due February 1, 2020. These data will be included in the 2019-20 SARC posting due February 1, 2021.

State Priority: Other Pupil Outcomes

The SARC provides the following information relevant to the State priority: Other Pupil Outcomes (Priority 8):

- Pupil outcomes in the subject area of physical education

2018-19 Percent of Students Meeting Fitness Standards

Grade Level	4 of 6	5 of 6	6 of 6
9	8.9	26.7	40.0

Note: Percentages are not calculated and double dashes (--) appear in the table when the number of students tested is ten or less, either because the number of students in this category is too small for statistical accuracy or to protect student privacy.

**School Year 2018-19 CAASPP Assessment Results - English Language Arts (ELA)
Disaggregated by Student Groups, Grades Three through Eight and Eleven**

Student Group	Total Enrollment	Number Tested	Percent Tested	Percent Met or Exceeded
All Students	140	138	98.57	86.23
Male	73	71	97.26	83.10
Female	67	67	100.00	89.55
Black or African American	--	--	--	--
Asian	--	--	--	--
Hispanic or Latino	84	84	100.00	82.14
White	25	24	96.00	95.83
Two or More Races	--	--	--	--
Socioeconomically Disadvantaged	64	64	100.00	82.81
English Learners	--	--	--	--
Students with Disabilities	17	16	94.12	50.00
Foster Youth	--	--	--	--
Homeless	--	--	--	--

Note: ELA test results include the Smarter Balanced Summative Assessment and the CAA. The "Percent Met or Exceeded" is calculated by taking the total number of students who met or exceeded the standard on the Smarter Balanced Summative Assessment plus the total number of students who met the standard (i.e., achieved Level 3–Alternate) on the CAAs divided by the total number of students who participated in both assessments.

Note: Double dashes (--) appear in the table when the number of students is ten or less, either because the number of students in this category is too small for statistical accuracy or to protect student privacy.

Note: The number of students tested includes all students who participated in the test whether they received a score or not; however, the number of students tested is not the number that was used to calculate the achievement level percentages. The achievement level percentages are calculated using only students who received scores.

**School Year 2018-19 CAASPP Assessment Results - Mathematics
Disaggregated by Student Groups, Grades Three through Eight and Eleven**

Student Group	Total Enrollment	Number Tested	Percent Tested	Percent Met or Exceeded
All Students	140	139	99.29	56.12
Male	73	72	98.63	59.72
Female	67	67	100.00	52.24
Black or African American	--	--	--	--
Asian	--	--	--	--
Hispanic or Latino	84	84	100.00	47.62
White	25	25	100.00	68.00
Two or More Races	--	--	--	--
Socioeconomically Disadvantaged	64	64	100.00	54.69
English Learners	--	--	--	--
Students with Disabilities	17	16	94.12	25.00
Foster Youth	--	--	--	--
Homeless	--	--	--	--

Note: Mathematics test results include the Smarter Balanced Summative Assessment and the CAA. The "Percent Met or Exceeded" is calculated by taking the total number of students who met or exceeded the standard on the Smarter Balanced Summative Assessment plus the total number of students who met the standard (i.e., achieved Level 3–Alternate) on the CAAs divided by the total number of students who participated in both assessments.

Note: Double dashes (--) appear in the table when the number of students is ten or less, either because the number of students in this category is too small for statistical accuracy or to protect student privacy.

Note: The number of students tested includes all students who participated in the test whether they received a score or not; however, the number of students tested is not the number that was used to calculate the achievement level percentages. The achievement level percentages are calculated using only students who received scores.

C. Engagement

State Priority: Parental Involvement

The SARC provides the following information relevant to the State priority: Parental Involvement (Priority 3):

- Efforts the school district makes to seek parent input in making decisions for the school district and each school site

Opportunities for Parental Involvement (School Year 2019-20)

While there are no family volunteer hour requirements, there are expected school events that we count on parents to be a part of, including Back to School Night, Exhibition nights, student-led conferences, and School Site Council meetings. Parents are also involved through their child's advisory teacher, supporting the activities of their child's advisory class. At least one family member over the age of 18 is expected to attend the following school events:

- Back to School Night
- Fall Exhibition
- Fall Student-Led Conference
- Spring Exhibition
- Spring Student-Led Conference

In addition, parents of students in each grade level are expected to attend a College Planning Meeting once per semester with their child. These meetings are led by the principal and assistant principal for the 9th grade students, and by the college counselors for students in grades 10-12. The purpose of these meetings is to involve parents in the four-year journey of preparing for and selecting the college that is the best fit for each student.

State Priority: School Climate

The SARC provides the following information relevant to the State priority: School Climate (Priority 6):

- Pupil suspension rates;
- Pupil expulsion rates; and
- Other local measures on the sense of safety.

School Safety Plan

During the 2017-2019 years our DVS staff and stakeholders completed and approved a comprehensive safe schools plan according to ed code, and in conjunction with local law enforcement and emergency personnel.

Our staff is trained in order to provide for the safety of students, staff, and visitors during times of emergency. Emergency preparedness includes fire, lockdown and earthquake drills that happen at regular times during the school year. All alarms are treated as real. In the event of an alarm, all staff, students, and visitors are required to complete an orderly and safe evacuation of the classrooms and building. Staff and students will meet in pre-assigned areas and will remain there until all students are accounted for and instructed to return to the building or move to a safer area. In the case of a major emergency (such as a significant earthquake or fire), parents and guardians and other family members should contact the main office or go to www.davincischools.org for more information. During such an emergency, staff will be focused on ensuring that all students are safe and accounted for. Lockdown drills are conducted with the assistance of local law enforcement agencies, who initiate and simulate the critical incident situation, and who return the same week to debrief the experience with the students and staff.

Suspensions and Expulsions for the School	2016-17	2017-18	2018-19
Suspensions Rate	1.6	0.6	0.4
Expulsions Rate	0.0	0.0	0.0

Suspensions and Expulsions for the District	2016-17	2017-18	2018-19
Suspensions Rate	1.1	0.9	1.3
Expulsions Rate	0.1	0.0	0.0

Suspensions and Expulsions for the State	2016-17	2017-18	2018-19
Suspensions Rate	3.6	3.5	3.5
Expulsions Rate	0.1	0.1	0.1

D. Other SARC Information

The information in this section is required to be in the SARC but is not included in the state priorities for LCFF.

Ratio of Academic Counselors to Pupils (School Year 2018-19)

Title	Ratio
Academic Counselor*	189.0

* One Full Time Equivalent (FTE) equals one staff member working full time; one FTE could also represent two staff members who each work 50 percent of full time.

Student Support Services Staff (School Year 2018-19)

Title	Number of Full-Time Equivalent (FTE)
Counselor (Social/Behavioral or Career Development)	3.0
Library Media Teacher (Librarian)	
Library Media Services Staff (Paraprofessional)	
Psychologist	.3
Social Worker	
Nurse	
Speech/Language/Hearing Specialist	
Resource Specialist (non-teaching)	
Other	1.3

* One Full Time Equivalent (FTE) equals one staff member working full time; one FTE could also represent two staff members who each work 50 percent of full time.

Average Class Size and Class Size Distribution (Secondary)

Subject	2016-17 Average Class Size	2016-17 # of Classes* Size 1-22	2016-17 # of Classes* Size 23-32	2016-17 # of Classes* Size 33+	2017-18 Average Class Size	2017-18 # of Classes* Size 1-22	2017-18 # of Classes* Size 23-32	2017-18 # of Classes* Size 33+	2018-19 Average Class Size	2018-19 # of Classes* Size 1-22	2018-19 # of Classes* Size 23-32	2018-19 # of Classes* Size 33+
English	22	9	9	7	28	3	8	8	31	2	5	11
Mathematics	20	14	6	6	28	4	6	8	24	7	9	6
Science	27	4	7	7	26	4	5	9	31	1	7	7
Social Science	22	7	6	7	26	5	5	7	29	4	3	11

* Number of classes indicates how many classrooms fall into each size category (a range of total students per classroom). At the secondary school level, this information is reported by subject area rather than grade level.

Professional Development provided for Teachers

Measure	2017-18	2018-19	2019-20
Number of school days dedicated to Staff Development and Continuous Improvement	20	20	20

Extensive professional development is a signature practice of Da Vinci Schools. Da Vinci Schools devote substantial time and resources to staff development and collaborative planning. Every Friday, Da Vinci staff meet from 8:00-9:15 am to celebrate each other's work, share best practices, discuss upcoming school business, and share and reflect upon student work and performance data. Within this time, teachers also hold in grade-level meetings to plan interdisciplinary projects and events, i.e. student-led conferences, exhibitions, and portfolio defenses, and to conduct job-alike meetings (collegial coaching, vertical alignment of content). Professional Development time also is used to develop Expected Schoolwide Learning Results (Habits of Excellence and 21st century skills).

New Da Vinci high school teachers receive 20 days of paid professional development (continuing teachers receive 18 days) plus 5 1/2 hours per week and a daily hour-and-a-half planning period for collaborative planning to ensure that every student who graduates from Da Vinci Schools is college-ready, career-prepared, and community-minded. These professional development days include visits to similar schools to gather best practices as well as training in supporting students with IEPs and 504 plans.

FY 2017-18 Teacher and Administrative Salaries

Category	District Amount	State Average for Districts In Same Category
Beginning Teacher Salary	\$51,110	\$46,208
Mid-Range Teacher Salary	\$84,191	\$72,218
Highest Teacher Salary	\$101,385	\$92,742
Average Principal Salary (ES)	\$112,940	\$134,864
Average Principal Salary (MS)	\$122,817	\$118,220
Average Principal Salary (HS)	\$0	\$127,356
Superintendent Salary	\$234,512	\$186,823

Percent of District Budget	District Amount	State Average for Districts In Same Category
Teacher Salaries	40%	33%
Administrative Salaries	5%	6%

* For detailed information on salaries, see the CDE Certificated Salaries & Benefits webpage at www.cde.ca.gov/ds/fd/cs/.

Types of Services Funded

In 2018-2019, Da Vinci Schools provided services that supported the educational objectives of providing an excellent education through specialized programs for career technical and college readiness programs, including extensive professional development and experiential learning opportunities (e.g. project based learning) in a small classroom environment. For those students that showed need, additional resources were utilized for additional services such as tutoring, summer school, independent study, coaching, etc.

Dropout Rate and Graduation Rate (Four-Year Cohort Rate)

Rate for Da Vinci Science	2015-16	2016-17	2017-18
Dropout Rate	0.8	1.5	4.2
Graduation Rate	89.9	82.8	84

Rate for Da Vinci Science High School	2015-16	2016-17	2017-18
Dropout Rate		2.1	2.9
Graduation Rate		70	81.3

Rate for California	2015-16	2016-17	2017-18
Dropout Rate	9.7	9.1	9.6
Graduation Rate	83.8	82.7	83

For the formula to calculate the 2016-17 and 2017-18 adjusted cohort graduation rate, see the 2018-19 Data Element Definitions document located on the SARC web page at <https://www.cde.ca.gov/ta/ac/sa/>.

Career Technical Education Participation

Measure	CTE Program Participation
Number of pupils participating in CTE	195
% of pupils completing a CTE program and earning a high school diploma	100%
% of CTE courses sequenced or articulated between the school and institutions of postsecondary education	100%

FY 2017-18 Expenditures Per Pupil and School Site Teacher Salaries

Level	Total	Restricted	Unrestricted	Average Teacher Salary
School Site	12893	898	11995	75799
District	N/A	N/A	N/A	\$85,478.00
State	N/A	N/A	\$7,506.64	\$72,949.00

Percent Differences	Unrestricted	Average Teacher Salary
School Site/District	N/A	-12.0
School Site/ State	46.0	3.8

Note: Cells with N/A values do not require data.

The California Department of Education issued guidance to LEAs on August 1, 2018, regarding how to calculate school-level per-pupil expenditures that will be reported on 2018-19 report cards.

Courses for University of California (UC) and/or California State University (CSU) Admission

UC/CSU Course Measure	Percent
2018-19 Pupils Enrolled in Courses Required for UC/CSU Admission	97.88
2017-18 Graduates Who Completed All Courses Required for UC/CSU Admission	95.45

2018-19 Advanced Placement Courses

Subject	Number of AP Courses Offered*	Percent of Students In AP Courses
Computer Science		N/A
English		N/A
Fine and Performing Arts		N/A
Foreign Language		N/A
Mathematics		N/A
Science		N/A
Social Science		N/A
All courses		

Note: Cells with N/A values do not require data.

*Where there are student course enrollments of at least one student.

Career Technical Education Programs

Students have numerous opportunities to explore career options and prepare for the workforce via high quality career technical education (CTE) pathways that prepare students for high-skill, high-demand jobs.

Da Vinci Science students have three career pathways from which to choose: Mechanical Engineering, Civil Engineering, and Patient Care (Biomedical). CTE programs offer students, especially groups historically underrepresented in STEM, the chance to explore different fields, participate in rigorous dual enrollment courses, off-campus work-based learning, and more. Every student is enrolled in a career pathway. These courses meet approximately 250 minutes per week in CTE labs and classrooms with equipment and tools that meet industry standards.

Da Vinci Schools offers students a real world, project based curriculum that brings industry expertise into the classroom. Local engineers and scientists work directly with Da Vinci Science students and teachers providing project planning support, mentoring, guest lecturing, co-teaching, hosting field trips, and more. Students gain additional work experience through required service learning projects in the community as well as leadership and advocacy opportunities both on and off campus. Da Vinci Schools established the Real World Learning program to bridge the gap between the classroom and the workplace. Students have completed work assignments with local business and internship partners, including Northrop Grumman, Belkin International, SpaceX, Gensler, Boeing, Kerlan-Jobe Orthopedic Clinic, and more. Our high school offers courses intended to help students prepare for the world of work. These CTE courses, formerly known as vocational education, are open to all students.

The Real World Learning program is an opportunity provided to all Da Vinci Schools students at the high school level. This is the “hands-on” component of our cornerstone college preparation and career exploration curriculum. Working with professional partners, Da Vinci students gain an understanding of the essential skills and work habits necessary for success. The goal of the Real World Learning program is to bridge the gap between the classroom and the workplace.

There are many ways in which our Community Partners participate with our schools:

- **Advisory Board Members:** Each of our CTE pathways has an Advisory Board comprised of a group of individuals whose experience and abilities represent a cross section of the businesses and industries that pertain to the CTE industry sector. These individuals help to define the knowledge and skill sets students need to know to be successful in the workplace. The professional partners also help to design the CTE program, advise on workforce needs and new and emerging occupations, identify additional resources to enrich the real world curriculum, and more. For more information about our CTE Advisory Board, please contact Natasha Morrison at (310) 725-5800.
- **Guest Speakers:** In order to add real world learning to the curriculum, Da Vinci Schools invite professionals to make classroom presentations.
- **Career Days:** Organizations participate in a career fair at Da Vinci that familiarizes students with potential careers and future employers.
- **Project Pitch Panels:** Prior to the start of each semester, teachers present their upcoming projects ideas in interdisciplinary teams to a panel of industry professionals. Industry professionals provide feedback, real world connections, and resources.
- **Offsite Teacher Professional Development at Host Organizations:** Industry partners host teachers at their workplace for a professional development day to infuse career skills into projects. Host organizations may speak to teachers about gaps they see in candidates, project workflow, and growing industries.
- **Field Trips:** A group of students visits an organization’s workplace to see individuals in various jobs and the coordination between functions.
- **Work Experience Program:** A student works unpaid in an organization to learn on-the-job skills and to provide the organization with free help. The assignment is usually two afternoons a week for eight to ten weeks.
- **Project Consults:** An organization submits a project, such as a marketing campaign geared toward youth, that students complete in a Da Vinci class or seminar, using conference calls and Google folders to receive the organization’s feedback.
- **Internship:** Da Vinci students welcome the opportunity to apply for internships, which allow more intense workplace learning experiences.
- **Other Workplace Opportunities:** At the suggestion of an organization, Da Vinci designs a program tailored to fit the organization’s need.

Work Experience and Internship Partners:

- 72andSunny
- Active Ride Shop
- Banc of California
- Barnes & Noble
- Beach Cities Aviation Academy
- Behind the Wheel
- Belkin
- Best Buy
- Boeing
- Bristol Farms
- CXC Simulations
- DaVita
- Denny’s
- EagleRider Motorcycle Rental
- El Segundo Animal Hospital
- El Segundo Photo, Web Design, and Tech Help
- Embassy Suites LAX
- Felton Elementary School
- Fresh & Easy
- Fresh Brothers

- GameStop
- GameStop - Lennox
- Gema Property Management
- Gensler
- Haven Academy of the Arts
- Hilton Hotels
- Home Goods
- Juan de Anza Elementary School
- Kerlan-Jobe Orthopedic Clinic
- Kerlan-Jobe Orthopedic Foundation
- Kerlan-Jobe Surgery Center
- The Lakes at El Segundo
- Lazer Image
- Lennox L.E.A.P.
- Magic Rainbow Preschool
- Manhattan Tax & Accounting
- Mattel
- Munchkinland
- Northrop Grumman
- Nothing Bundt Cakes
- Old Navy
- Party City
- Patty Brown Physical Therapy
- Petco
- Peter Burnett Elementary School
- PetMart
- The Rader Company
- Ramada Hotels
- REI
- Roundhouse Aquarium
- Select Physical Therapy
- South Bay Customs
- SpaceX
- Toyota Sports Center
- TWFG Insurance Services
- Vista Investments
- Wiseburn CDC
- Yellow Brick Road

DataQuest

DataQuest is an online data tool located on the CDE DataQuest web page at <https://dq.cde.ca.gov/dataquest/> that contains additional information about this school and comparisons of the school to the district and the county. Specifically, DataQuest is a dynamic system that provides reports for accountability (e.g., test data, enrollment, high school graduates, dropouts, course enrollments, staffing, and data regarding English learners).

Internet Access

Internet access is available at public libraries and other locations that are publicly accessible (e.g., the California State Library). Access to the Internet at libraries and public locations is generally provided on a first-come, first-served basis. Other use restrictions may include the hours of operation, the length of time that a workstation may be used (depending on availability), the types of software programs available on a workstation, and the ability to print documents.