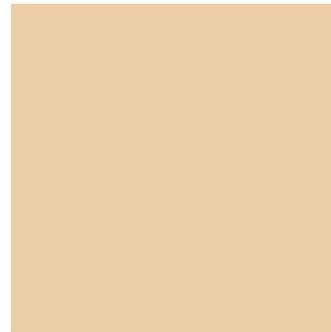
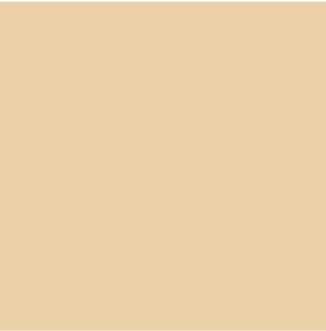
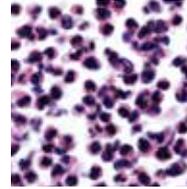


EXCELLENCE IN EDUCATION

IUSD • IRVINE COMPANY



Annual Report 2017-18



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LETTER FROM THE SUPERINTENDENT

The Irvine Unified School District (IUSD) is one of the highest performing, yet lowest funded school districts in the nation. When people first hear this fact, they want to know how IUSD could be so underfunded and still perform at such high levels. I explain that the answer is in our name—it is the “US” in IUSD.

A successful public education system requires a visionary board of education and district leadership team, coupled with a blend of talented teachers and support staff, active parent volunteers, engaged students, passionate community leaders, and dedicated partners such as the Irvine Company. Together, this collective “US” works each day to provide IUSD students with the best educational experience we can envision.

A critical component of this partnership is the Irvine Company’s Excellence in Education Enrichment Fund. Through this fund, the Irvine Company has committed more than \$45 million over 20 years to support art, music and science education for IUSD students in grades four through six.



As a result of this extraordinary commitment, nearly 80,000 children have had their educational experiences enhanced by specialist teachers, who often provide our young students with their first exposure to robust art, music and science education, fostering a life-long love of learning. The Excellence in Education Enrichment Fund has become a cornerstone of IUSD’s instructional profile and it has made a lasting impact on the lives of thousands of current and former students.

The following publication details the Irvine Company’s ongoing contribution to IUSD schools and students. Information featured includes art, music and science program descriptions, assessment data and student testimonials.

IUSD serves more than 34,000 students and continually receives state and national recognition, particularly in the areas of art, music and science. Despite the state’s new funding formula that places the District at the bottom in per pupil funding in California, IUSD continues to deliver on its promise of academic excellence, thanks in large part to the generosity of Donald Bren and the Irvine Company. While some districts have reduced offerings in art, music and science, the Irvine Company’s donation has enabled IUSD to preserve and increase opportunities in subjects that are critical for success in college and career. In doing so, Mr. Bren and the Irvine Company have made a profound and enduring difference in the lives of tomorrow’s leaders, and IUSD could not be more grateful.

Sincerely,

Terry L. Walker
Superintendent of Schools



Excellence in Education Enrichment:

ART

Students in grades four through six receive six, one-hour lessons from highly qualified art teachers. Students create original artwork utilizing critical thinking and risk taking, while working with different art mediums. Creatively, students can express themselves and communicate in ways that will help them succeed later in life.



The primary focus of the art program, for fourth through sixth-grade students, is to teach the principles and elements of art through the artistic process. During each lesson, students create original artwork while learning about artists, art eras and movements, and are taught a skill that is expanded upon in each subsequent lesson. In addition, students form links to themes and standards in other disciplines.

Many students have their art showcased in juried art exhibitions throughout the county, including the Laguna Beach Festival of the Arts, the Orange County Imagination Celebration, and other regional and national art shows. Arts education helps make learning matter to students by giving them a medium to connect new knowledge to personal experiences and express what they have learned.



“ **Art makes me feel extraordinary and special.**

—5TH GRADE STUDENT
Cypress Village Elementary

“ **Because of art I can use my imagination to make something out of nothing.**

—4TH GRADE STUDENT
Vista Verde School





Excellence in Education Enrichment:

MUSIC

Students in grades four through six receive two, 40-minute lessons per week taught by a highly-qualified music educator. In grade four, the curriculum offers string and vocal music classes. In grades five and six, the curriculum also offers instruction in wind instruments.



The primary objective of the program is to develop independent musicians skilled in the musical process. Each child, through their choice of strings, winds or voice is able to decode music, demonstrate grade-level technical abilities and work with others to perform musical literature from a wide variety of eras and cultures.

The Importance of Music Instruction

The skills gained through sequential music instruction include discipline, the ability to analyze, solve problems, communicate and work cooperatively—all of which are vital for success in the 21st century workplace. Through music, students learn that their thoughts and feelings can be communicated using higher-order thinking processes, such as those involved in skill mastery, analysis and synthesis.



“ *Music lets me discover a new talent and helps me to express myself. I want to take advantage of this opportunity and learn more.*

—6TH GRADE STUDENT
Culverdale Elementary

“ *Music impacts my life by helping me get better grades in school. Music can help students with a variety of subjects like math and reading.*

—5TH GRADE STUDENT
Beacon Park School

“ *Music instruction appears to accelerate brain development in young children, particularly in the areas of the brain responsible for processing sound, language development, speech perception and reading skills, according to initial results of a five-year study by USC neuroscientists.*

—USC NEWS

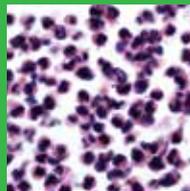




Excellence in Education Enrichment:

SCIENCE

Students in grades four through six receive two, 60-minute lessons per week taught by a highly qualified science specialist. The curriculum is aligned to the California Next Generation Science Standards and focuses on a hands-on, inquiry-based approach to instruction.



More than 260 sixth-grade students enter projects in the annual Irvine Unified School District Science Fair, and blue ribbon winners have the opportunity to compete at the county and state science fairs.

- **In grade four**, students study rocks and minerals, environments and ecosystems, and electricity and magnetism.
- **In grade five**, students study space and weather, cells and organisms, and chemistry.
- **In grade six**, students focus on Earth science, learning about plate tectonics, earthquakes, volcanoes, the structure of the Earth and oceanography.



“ I love to see my children be inspired, particularly by ‘out of the ordinary’ experiences such as science lab. As parents, we want our kids to advance in ways that make them unique in the workplace and in life. The implementation of active learning environments with hands-on education is what continues to separate our district from the rest of the county and nation.

—PARENT
Springbrook Elementary

“ Some people think science is just a class, but science is a place where the future is born, where you express yourself. Science is a place where you make mistakes, lots of them, but you always find your way. Science is the gym for your brain.

—6TH GRADE STUDENT
Springbrook Elementary

“ To me, science lab means the chance to learn and discover new things. I love it when we get to do things we can’t do in class or at home.

—5TH GRADE STUDENT
Turtle Rock Elementary

Excellence in Education Enrichment:



PROGRAM DATA

IUSD would like to thank the Irvine Company and Donald Bren for the generous contributions, that support the following programming:

■ 2016-17 School Year Program Expenditures

Expenditure amounts for each component of the Excellence in Education program:

	Art	Music	Science	Grand Total
 Salary	\$ 214,290	\$ 1,381,788	\$ 2,390,308	\$ 3,986,386
Benefits	\$ 58,078	\$ 335,917	\$ 626,995	\$ 1,020,991
Totals	\$ 272,368	\$ 1,717,705	\$ 3,017,303	\$ 5,007,377

■ 2016-17 School Year Certificated Staffing

Number of Full-Time Equivalent (FTE) certificated staff:

	Art	Instrumental Music	Vocal Music	Science	Grand Total
	2.56	10.00	5.03	25.01	42.60

■ 2016-17 School Year Student Participation

More than 8,000 students in grades four through six at all 23 IUSD elementary schools and three K-8 schools receive instruction through the Irvine Company Excellence in Education program. Breakdown by grade level—an overall increase of 2.84% from 2016:

	Fourth Grade	Fifth Grade	Sixth Grade	Total Enrollment
	2,648	2,748	2,612	8,008

Assessments and Advanced Placement:

ASSESSMENTS

In high school, students have an opportunity to show the cumulative effect of their education in science and the arts by taking either Scholastic Assessment Test (SAT) Subject Tests or Advanced Placement tests. As exhibited on the following pages, IUSD students significantly and consistently outperform their peers throughout California, the United States and the world, in science as well as visual and performing arts. This provides further evidence for the importance of a strong foundation in these areas, made possible by the Irvine Company's support through the Excellence in Education Enrichment Fund.

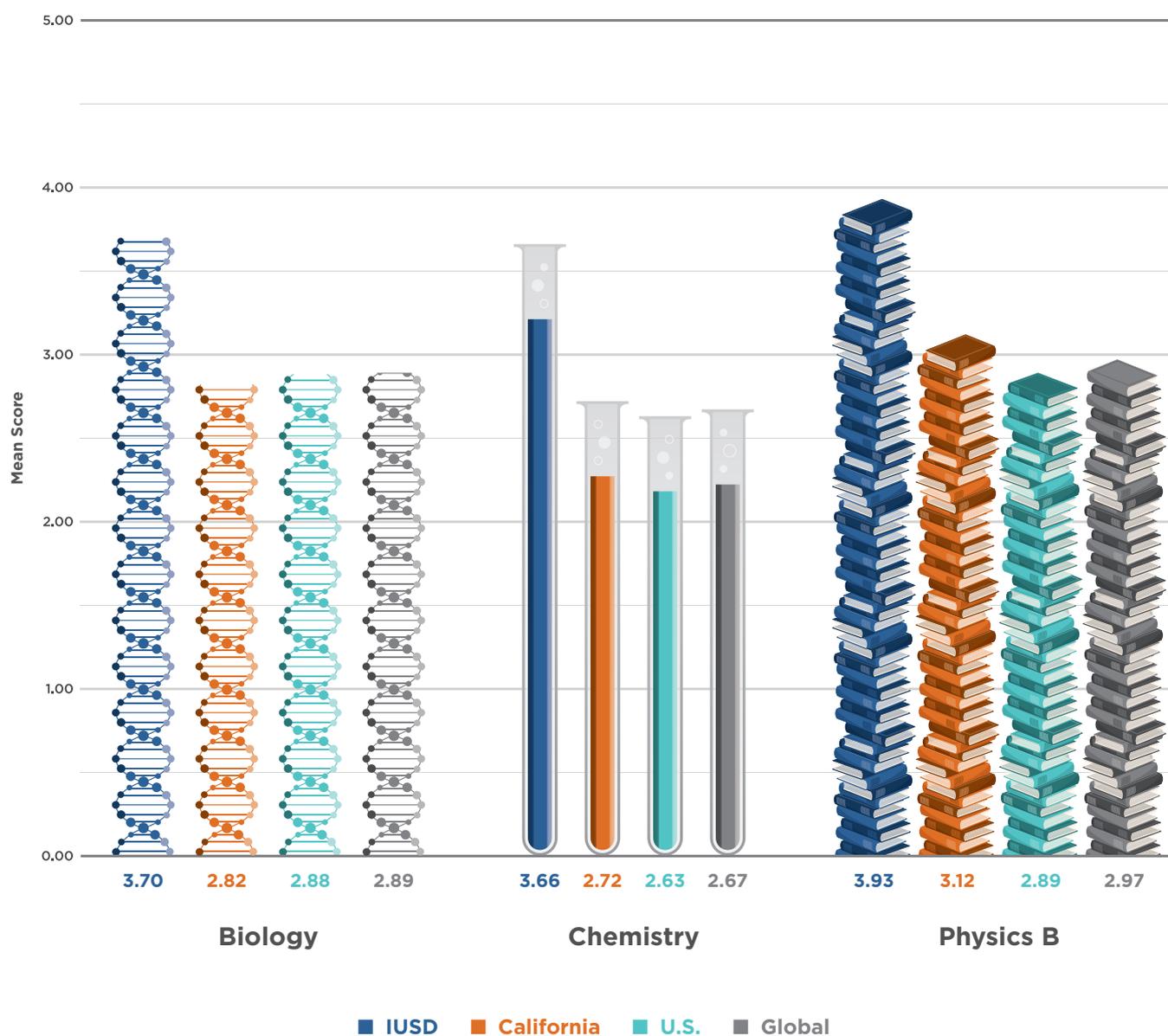


Assessments and Advanced Placement:

ADVANCED PLACEMENT

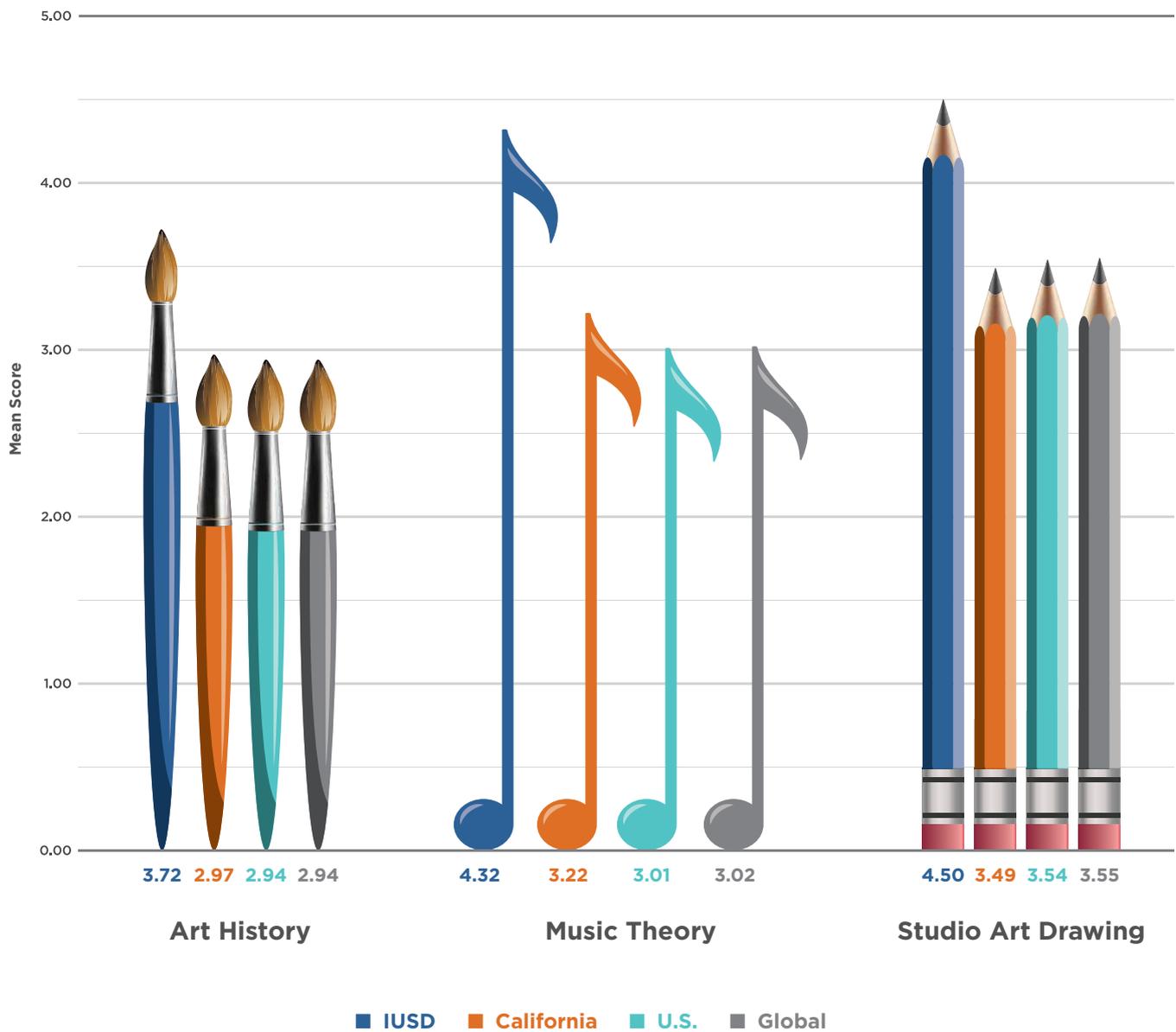
Advanced Placement exams are college-level tests administered each spring by the College Board in multiple subject areas. Final scores are reported on a five-point scale. The highest score a student can receive is a 5 (extremely well-qualified); the lowest is a 1 (no recommendation).

■ 2017 ADVANCED PLACEMENT MEAN SCORE RESULTS: Science





■ 2017 ADVANCED PLACEMENT MEAN SCORE RESULTS: Visual and Performing Arts

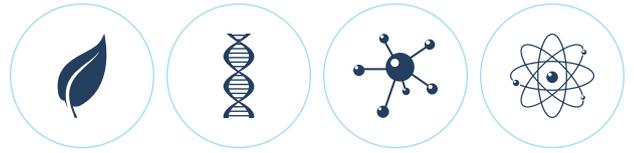


SAT Data:

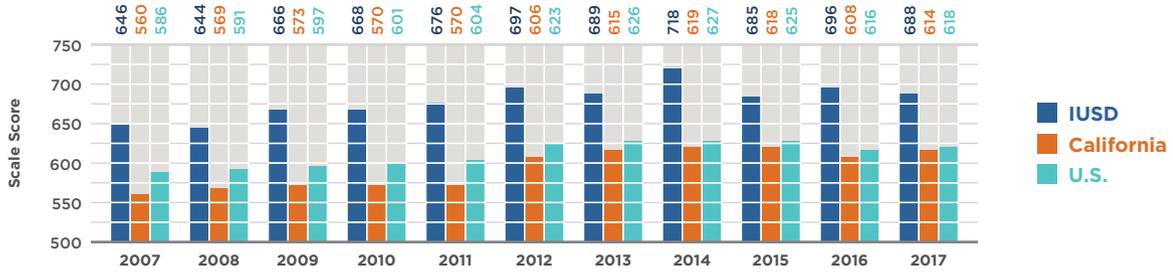
SAT TESTING

The Scholastic Assessment Test (SAT) Subject Tests reflect high school curricula and indicate a student's readiness to take college-level courses in specific subject areas. Available subject tests in science include Biology-Ecological, Biology-Molecular, Chemistry and Physics. All exams are offered multiple times each year, are multiple-choice and scored on a 200-800 point scale.

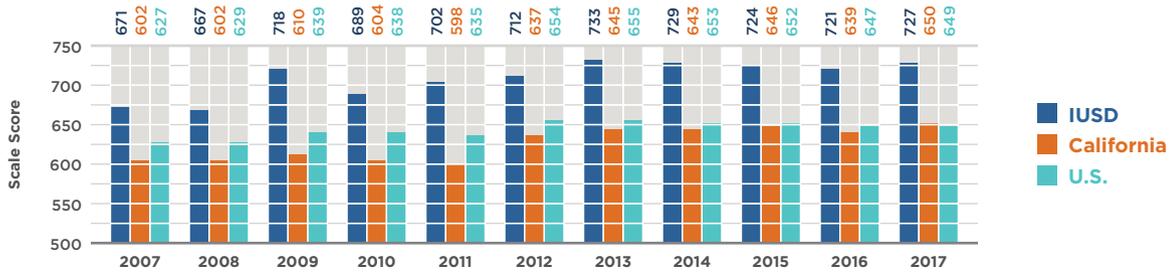




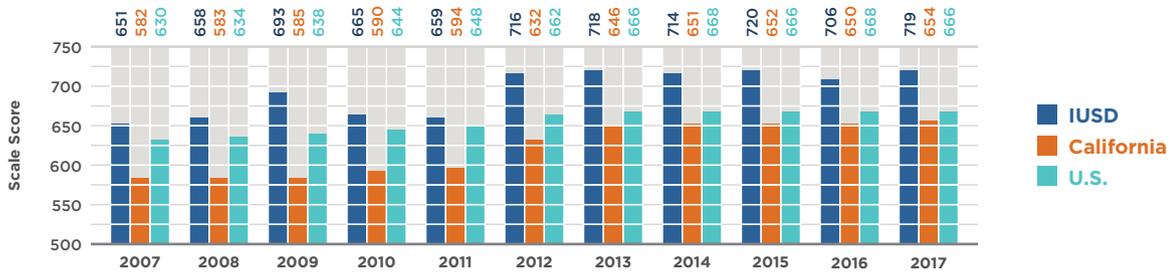
SAT MEAN SCALE SCORE: Biology-Ecological



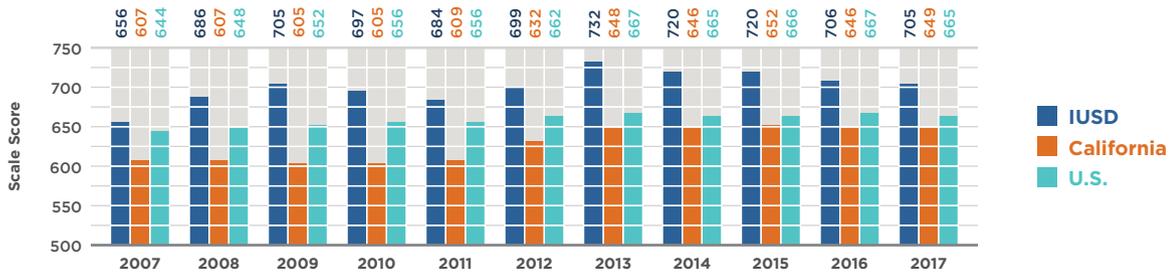
SAT MEAN SCALE SCORE: Biology-Molecular



SAT MEAN SCALE SCORE: Chemistry



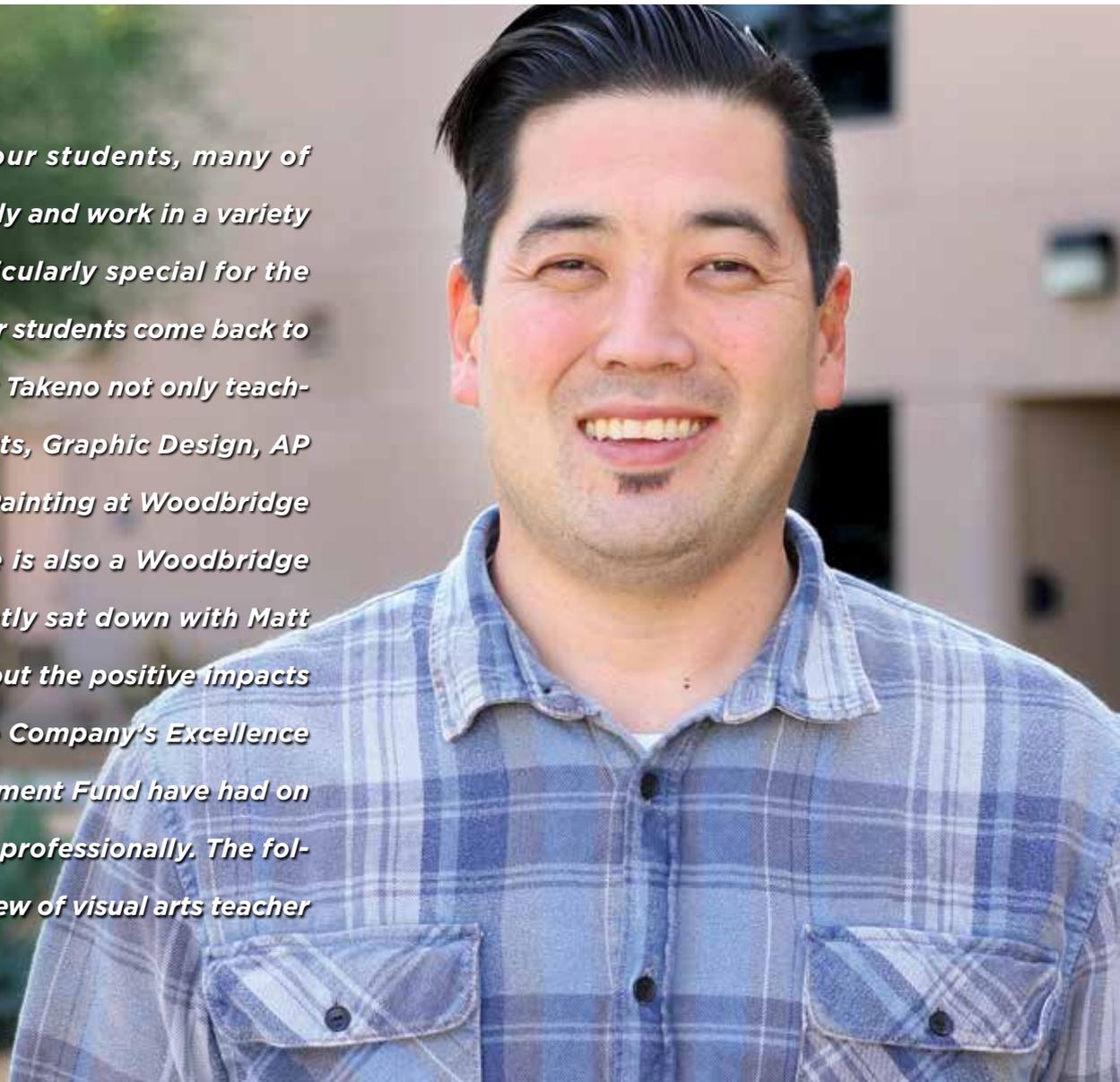
SAT MEAN SCALE SCORE: Physics



Excellence in Education Enrichment:

POSITIVE IMPACTS

IUSD is proud of our students, many of whom go on to study and work in a variety of fields. It is particularly special for the District when former students come back to work for IUSD. Matt Takeno not only teaches Digital Media Arts, Graphic Design, AP 2D and AP Studio Painting at Woodbridge High School but he is also a Woodbridge alumni. IUSD recently sat down with Matt to talk with him about the positive impacts IUSD and the Irvine Company's Excellence in Education Enrichment Fund have had on him personally and professionally. The following is our interview of visual arts teacher Matt Takeno.



Why did you want to come back and work for IUSD as a teacher?

Of course, I'm biased but IUSD is the best school district in the country. We moved here in 1982, just so we could go to an IUSD school. There is a "students first" standard that has been set by IUSD that is second to none. Equally important, there is a strong sense of community that exists here. Parents, teachers and administrators partner to provide a world-class education for our students. We take earning a spot in this district very seriously and to this day I still feel blessed to have the opportunity to be a part of IUSD. On a personal note, it was also my first choice because working here was like coming home. I am invested in IUSD because it's a part of me and I want nothing more than to not only uphold the District's high standards that have been set, but to do what I can to make the District team even better.

What was your path to becoming a visual arts teacher at Woodbridge High School?

I worked as a graphic designer for a few years after college and loved it. Eventually, I wanted to do something that was more fulfilling. I thought about working with kids and sharing the experiences that I was fortunate to have going to school in Irvine. I guess I wanted to pay it forward and bring my passions and experiences to the classroom. My mom has been a lifelong educator and administrator, I wanted to follow in her footsteps.

How did you benefit from arts, music and science education as an IUSD student?

Without a doubt I benefited greatly from the enriching IUSD education I received. The arts changed my life. I loved trying to figure out how I was going to approach a project knowing that it was ok if my project didn't turn out like everyone else's. In fact, I loved trying to be as unique as possible. I feel like my brain is programmed for creative activities and the arts allowed me to foster this. In high school, I was never the "smartest guy" in class or the "star athlete" but in art class I could hang with the best of them. This confidence helped me develop into the person I am today. I try to foster this in my students whenever possible. Helping students achieve in ways they never knew they could is absolutely the best part of my job.



What is the benefit of an arts education for your students?

In all honesty, I know that only 2% of my students will go into the arts as a career. That being said, if I only focused on these kids I would be neglecting 98% of my students. Therefore, instead of focusing on art, I focus on the creative process. I want my students to learn how to apply the skills they learn into creating something unique and original. I want them to learn how to identify problems and solve them with empathy. Creativity is not exclusive to art. I use it every day in every aspect of my life. Encouraging my students to be creative will help them succeed in life, no matter what they do. Funding from the Irvine Company's Excellence in Education Enrichment Fund helps support this vital process and educational programming.

How are you using your education and experiences to shape the education of your students?

In my graphics classes, we are starting a fictitious clothing company. I am putting my students through the same process that I went through as a professional designer. They will learn about all aspects of the business and use their creative skills, in conjunction with technology, to experience the design process from conception to production, providing them with real-world experiences.

What are you most proud of in your career?

I am proud of my failures. I think they have shaped me and have made me hungry for success and to continually improve. My path to where I am today has not always been easy, but I wouldn't trade it for anything. I have learned to be resilient, to have a growth mindset and to use my creativity to solve problems. I am honored to do what I do.



Irvine Unified School District students in grades four through six have their educational experiences enhanced by specialist teachers in the areas of art, music and science. These programs, made possible by the Irvine Company Excellence in Education Enrichment Fund, are renowned throughout California and the United States.



**IRVINE UNIFIED
SCHOOL DISTRICT**

 **IRVINE COMPANY**