Community Invited to Regional Workshops on Funding Priorities

Come join other district stakeholders, including parents, educators, students, employees and other community members, for an evening to discuss district progress towards improving student outcomes.

All are welcome to the workshops where childcare, translation services and dinner are provided. Also, each adult participant will receive a free zoo admission ticket.

Beginning in January, Fresno Unified will host several community exchange regional workshops seeking feedback and input. The workshops will provide updates on district spending priorities and include the most recent district data, including student performance and outcomes.

Input from the community helps inform the district’s Local Control and Accountability Plan (LCAP), where nearly $200 million is allocated to increase or improve services for students living in disadvantaged circumstances. For Fresno Unified, this is 89% of the student population.

Previous spending priorities aligned to stakeholder feedback have included:

- Early learning investments for preschool and transitional kindergarten expansion
- Student technology, supporting classroom learning and device use beyond the classroom
- Expansion of dual language immersion programs, where students receive instruction in two languages
- Additional teaching positions to eliminate elementary combination classes and reduce class sizes at all grade levels

Ruthie Quinto, the district’s deputy superintendent and chief financial

See LCAP WORKSHOPS
Continued on page 10
Parents can play a critical role in helping students pursue career technical education (CTE) – whether it be a pathway, program or courses. Participating in CTE programs can enhance a student’s educational experience by focusing on preparation for college and career success. How can parents help their students prepare for the real world? Suggestions include:

- Talk with them about their aspirations, passions, strengths and weaknesses
- Discuss ideas about what types of things they might want to do “when they grow up”
- Research opportunities, including enrichment opportunities, CTE classes at middle and high schools, and Linked Learning pathways available throughout the district
- If a student shows interest in a career but has some weaknesses that might create a roadblock, help them think of ways to develop their skills in that area and encourage them to take advantage of job shadow and volunteer opportunities with local businesses; contact your high school career center for resources
- Complete transfer/school choice paperwork prior to the Dec. 1 deadline for the following school year; visit fresnouified.org under Parents and Transfers Office for more information on district transfer deadlines and applications
- Attend parent information events and showcases throughout the district and community
- Communicate with teachers and counselors on ways to best support a student’s academic and career aspirations
- Ask your seventh and eighth grade students to share their career assessment completed on the Xello platform; visit go/clever (from school) or go.fresnou.org/clever (everywhere else) to access a variety of College and Career Readiness resources
- Attend Parent University workshops to learn more about district opportunities; contact Parent University at (559) 457-3390 for more information on upcoming workshops
- Attend the Spring CTE Summit – scheduled for May 14, 2020 – with your student to learn more about CTE programs; no registration needed
- The wide variety of CTE programs and courses in Fresno and careers available to students leaves them with many choices, and it is important to consider the individual student and the options at schools. Once students are enrolled in a pathway, consistent communication between school and home can help them finish successfully and be prepared for their future beyond high school. For more information on CTE programs, contact College and Career Readiness at (559) 248-7466.

In an ongoing effort to make students more aware of career technical education (CTE) options in the district, the College and Career Readiness Department hosted CTE Ticket to the Future Nov. 4-5 for all eighth graders. More than 4,240 eighth graders from all middle schools in Fresno Unified were transported to Valdez Hall, where students visited exhibits showcasing all CTE programs available at all district high schools. Current high school students, educators, and administrators were there to provide hands-on demonstrations and answer questions.

For video, go to vimeo.com/fresnouified/tickettothefuture2019

“This event was a great opportunity for our eighth graders to see the kind of career-related activities their older peers are doing in the classroom,” said Superintendent Bob Nelson. “This experience gave them a clear vision of the pathways and programs available for them.

“Parents were able to have a better understanding of what the district offers when it comes to career technical education as well.”

This year, CTE Ticket to the Future transitioned into the School Choice Expo on Nov. 5 during the evening. Parents and students of all ages had the opportunity to explore additional options in elementary and middle school, including dual immersion, CoderGirlz clubs, visual and performing arts, and a variety of other areas.

With the new format, 719 students, parents and community partners attended the School Choice Expo. Transfer Office staff received 88 transfer requests during the event.

The transfers deadline is Dec. 2. For more information, call the Transfers Office at (559) 248-7538.
SUPERINTENDENT’S Message

Past Year Brings Expansion of CTE Programs, Experiences for Students

And just like that, the holiday season is upon us! This time of year is always one of my favorites. A time of celebration, love, family and gratitude. A time where we close out one year with reflection and a time to dream for the year ahead of us. While I reflect back on the year we’re closing, I’m so grateful for our 74,000 plus amazing kids, our 10,000 plus dedicated employees, our passionate board of trustees, and the health and happiness of my family. As our new year begins, I wish you and yours a bright and impactful year of love and learning!

I look back on this past year with great appreciation. We always have more work to do and push ourselves every single day to better the opportunities and outcomes of our kids. One way that we put focus on that is through our amazing career technical education (CTE) programs. Our CTE offerings within Fresno Unified continue to strengthen and expand, with last year having 44% of our seventh-12th grade students enrolled in at least one CTE course. Our students have earned over 2,000 industry recognized credentials and we’re seeing our dual enrollment students pass their college-level courses at a rate of 95%. One example is our Pharmacy Technician Pathway program at Duncan Polytechnic High School, which results in students becoming certificated pharmacy technicians upon graduation.

We’re also thrilled to see our students’ experiences within CTE continue to expand through our work-based learning program. Our work-based learning program has seen dramatic increases over the past few years of students participating in job shadowing, internship and similar experiences. We are currently in the midst of our fourth annual Job Shadow Days. Students will be disbursement throughout the Fresno area to experience the world of work in various industry sectors. Specifically, they’ll have the chance to spend three hours alongside professionals in various industry sectors to get a feel for the day-to-day of these career pathways.

This year our teams have changed the format a bit to increase the amount of students and the amount of industry partners who are able to participate. The Job Shadow Days will now be held over a series of five months, instead of just during the month of February. In October, we focused on Digital Media, Arts & Design as well as Business & Entrepreneurship. In November, students experienced the Education, Child Development and Public Services sectors. In January our students will be diving into the world of Industrial Manufacturing and Technology. February will focus on Health and Human Services, while we round out the fourth annual Job Shadow Days in March with the Agricultural and Natural Resources industries. If you are interested in being an industry partner and hosting our students, I encourage you to contact our College and Career Readiness team.

Lastly, the number of local industry partners connected to CTE work within Fresno Unified also continues to expand. These partners provide support and direction for the nature of the experiences and curriculum that we are providing for our students within our CTE program.

National Alliance on Mental Illness (NAMI) was founded 40 years ago by parents in Los Angeles who were dealing with the challenges of a family member living with mental health challenges. Barriers to access, limited resources, and stigma made it difficult to navigate this journey and often families did it alone. NAMI Fresno promotes education, support and advocacy for all people affected by mental health challenges. Our efforts to reduce stigma can lead to people getting mental health help sooner. Significant gaps in the system include resources, treatment facilities and providers for behavioral healthcare.

As executive director for NAMI Fresno, I serve as chair for Fresno Unified’s CTE Advisory Committee, and co-chair for the Health and Human Services Subcommittee. Our CTE Advisory Committee and have been an industry partner for three years. Goals of the committee are to provide input on individual pathway knowledge, vision, mission and outcomes; identify and develop work-based learning opportunities and pathways within pathways programs and courses; review curriculum as it relates to pathways and projects; and support goals for all students to demonstrate character and competencies for workplace success.

My support includes participating in portfolio days, mock interviews, panel interviews, and shark tank presentations to give students an authentic audience. I host job shadow experiences to build awareness of career opportunities for behavioral health.

Hosting a teacher externship provides current training tips and skills necessary for mental health. We will provide industry certification opportunities for students and staff in Mental Health First Aid. In partnership with college and career readiness staff, we provide input on district advisory structure, pathways and how to get involved from a partner’s perspective.

I am part of “Adopt a Class,” a pilot program to provide mentorship opportunities to students for the mental health class at Edison High School. Activities include connecting guest speakers to students who would like to learn more about career opportunities and a field trip to the state Capitol to advocate for mental health.

When I was in high school, I participated in a similar program. I remember the excitement and enthusiasm of industry partners and all that I gained in my learning experience. It’s “my why” that I am an active industry partner for students in CTE pathways.

Message from Chris Roup, Executive Director for National Alliance on Mental Illness Fresno

Agency Executive Knows the Importance of Industry Partners for Career Programs

National Alliance on Mental Illness (NAMI) was founded 40 years ago by parents in Los Angeles who were dealing with the challenges of a family member living with mental health challenges. Barriers to access, limited resources, and stigma made it difficult to navigate this journey and often families did it alone. NAMI Fresno promotes education, support and advocacy for all people affected by mental health challenges. Our efforts to reduce stigma can lead to people getting mental health help sooner. Significant gaps in the system include resources, treatment facilities and providers for behavioral healthcare.

As executive director for NAMI Fresno, I serve as chair for Fresno Unified’s CTE Advisory Committee, and co-chair for the Health and Human Services Subcommittee. Our CTE Advisory Committee and have been an industry partner for three years. Goals of the committee are to provide input on individual pathway knowledge, vision, mission and outcomes; identify and develop work-based learning opportunities and pathways within pathways programs and courses; review curriculum as it relates to pathways and projects; and support goals for all students to demonstrate character and competencies for workplace success.

My support includes participating in portfolio days, mock interviews, panel interviews, and shark tank presentations to give students an authentic audience. I host job shadow experiences to build awareness of career opportunities for behavioral health.

Hosting a teacher externship provides current training tips and skills necessary for mental health. We will provide industry certification opportunities for students and staff in Mental Health First Aid. In partnership with college and career readiness staff, we provide input on district advisory structure, pathways and how to get involved from a partner’s perspective.

I am part of “Adopt a Class,” a pilot program to provide mentorship opportunities to students for the mental health class at Edison High School. Activities include connecting guest speakers to students who would like to learn more about career opportunities and a field trip to the state Capitol to advocate for mental health.

When I was in high school, I participated in a similar program. I remember the excitement and enthusiasm of industry partners and all that I gained in my learning experience. It’s “my why” that I am an active industry partner for students in CTE pathways.

See SUPT. MESSAGE SPANISH AND Hmong

Continued on page 15
Bullard High School
Linked Learning Pathways
- Business, Marketing, and Technology – marketing and video production
- Biomedicine – biotechnology and healthcare
- Law and Social Justice – public service and legal occupations

CTE Programs
- Computer Science

CTE Classes
- PLTW (Project Lead the Way)*: Principles of Biomedical Sciences
- PLTW: Human Body Systems
- PLTW: Medical Interventions
- Multimedia
- Design and Marketing
- Marketing Sales and Service
- Criminal Justice and Law
- Contemporary Law
- Social Justice and Advocacy
- Leadership in Law and Social Justice

PLTW: Computer Science Essentials
AP Computer Science
AP Computer Science A
Video Production

Center for Advanced Research and Technology
- Advanced Science Topics
- Advanced Studies in Media
- Communication Design
- Advanced Topics in Medical Research
- Advanced Topics in Medicine
- AP Computer Science Principles
- Applications Programming
- Biotechnology Accelerated & Research
- Cybersecurity I
- Digital Media and Graphic Design
- Digital Video Production & Broadcasting
- Economics of Marketing and Advertising
- Engineering I
- Environmental Science and Technology
- Forensic Research and Biotechnology
- Interactive Game Design
- Law and Order and Public Policy
- Money and Banking
- Physics and Technology
- Psychology & Human Behavior

From left, Belia Leyva, Alexis Snyder, Evelyn Sanchez and Stephanie Vasquez gather specimens as part of a water conservation field trip to Lost Lake. The students are part of the Environmental Science and Technology pathway at the Center for Advanced Research and Technology, a half-day charter school program for students from Fresno and Clovis unified school districts.

Bullard High School student Kayleigh McKinley works on a heat press making a T-shirt during Marketing, Sales and Service class with teacher Peter Chaney.
FOCUS ON CAREER PATHWAYS

Design Science Middle College High School

CTE Courses at Fresno City College, Reedley College, Clovis Community College

- Adobe After Effects
- Allied Health
- Athletic Training
- Automotive Essentials
- Basic Residential Construction
- Beginning Photoshop
- College and Life Management
- Community Relations
- Conservation of Natural Resources
- Contemporary Health Issues
- Digital Imaging Fundamentals
- Digital Video Production
- Direct Current Fundamentals of Electronics
- Exploring Welding/Metals
- Fire Protection Organization
- Heavy Duty Brake Systems
- Heavy Duty Suspension and Steering
- HVAC Introduction
- Introduction to Business
- Introduction to Criminology
- Introduction to Forestry
- Introduction to Photography
- Lab Safety Practices
- Legal and Ethical Concepts
- Manufacturing Essentials
- Medical Terminology
- Occupational Safety and Health
- Occupational Therapy
- Pharmacology
- Principles & Practices of Teaching Young Children
- Programmable Logic Controllers
- Reading & Composition
- Retailing
- Storyboarding

Kongmeng Vue and Adan Maldonado are students at Design Science Middle College High School, which offers a wide variety of career technical education classes through Fresno City College. Design Science is housed at the college, giving easy access to college classes of all kinds.

Duncan Polytechnical High School

Linked Learning Pathways

- Medical Academy of Science and Health (MASH) – Nursing Services, Pharmacy Technician, Rehabilitation Therapy
- Innovative Design and Applied Technology Academy (IDATA) – Automotive, Construction, and Heavy Truck, Manufacturing and Product Development, Welding Fabrication

CTE Courses

- PLTW: Introduction to Design 1,2
- Concepts of Design
- WBL (work-based learning)**: Engine Technology
- WBL3: Automotive Systems
- WBL: Construction Technology - Exterior
- WBL3: Construction Technology - Interior
- WBL: Medium/Heavy Truck Technology I
- WBL3: Medium/Heavy Truck Technology II
- WBL: Computer Integrated Manufacturing
- WBL3: Computer Integrated Mechatronics
- WBL: Welding Fabrication I
- WBL3: Welding Fabrication II
- Applied Medical Sciences
- WBL: Medical Careers
- WBL3: Nursing Services
- WBL: Pharmacy Technician Careers
- WBL: Rehabilitation Therapy Careers
- WBL3: Rehabilitation Therapy Services
- Digital Photography I
- Digital Photography II
- Video Production

Riley Nanthavongdouangsy, front, and Yadira Cholula-Perez are part of the new Pharmacy Technician Pathway at Duncan Polytechnical High School.
FOCUS ON CAREER PATHWAYS

Edison High School
Linked Learning Pathways
- Biomedicine – biotechnology, mental health, and kinesiology
- Engineering Design and Development – engineering and robotics

California Partnership Academies
- Green Energy and Technology Academy – electronics and green energy

CTE Programs
- Computer Science

CTE Classes
- PLTW: Principles of the Biomedical Sciences
- PLTW: Human Body Systems
- PLTW: Medical Interventions
- PLTW: Biomedical Innovation
- Sports Medicine
- Athletic Training
- UCCI (University of California Curriculum Institute)***: Mind Matters
- PLTW: Introduction to Design 1,2
- PLTW: Principles of Engineering
- Electronics Engineering
- PLTW: Engineering Research and Development
- UCCI: Green Up and Go
- Advanced Electronics
- PLTW: Computer Science Essentials
- AP Computer Science Principles
- AP Computer Science A
- AP Psychology
- Application Design and Research
- Multimedia
- Technical Theater

Fresno High School
International Baccalaureate Career-Related Programmes
- Army Junior Reserve Officers Training Corps (JROTC) – military career preparation
- Construction Design and Technology: Mechanical Systems – HVAC/R
- Construction Design and Technology: Residential/Commercial – construction
- Digital Media – video production

CTE Classes
- PLTW: Introduction to Design 1,2
- Construction Technology I
- Construction Technology II
- WBL: HVAC/R Technology Introduction
- Multimedia
- Videography
- Video Production
- ROP: Digital Video Production & Broadcasting
- IB: Computer Science HL2
- IB: Film IB (Higher Level) Year 1
- IB: Film IB (Higher Level) Year 2

From left, Francisco Castro, Luz Torres and Robert Aguilar install a Little Free Library book exchange box at Heaton Elementary School on Sept. 13. The students are from Fresno High School’s Construction, Design, and Architecture Technology Academy.

From left, Kate Freeman, Sofia James, and Will Dau run the sound for a show as part of their Technical Theater class at Edison High School.
### Hoover High School

**Linked Learning Pathways**
- Arts, Media, and Entertainment – media design and production
- Eco-Technology – natural resources and renewable energy
- Public Service – law enforcement

**CTE Program**
- Construction Technology

**CTE Courses**
- Multimedia
- UCCI: World History by Design
- Videography
- Cinematography
- CDE Agriculture Science I
- Biological Links to Energy and the Environment
- UCCI: Green Up and Go
- Natural Resources I
- Natural Resources II
- History of Public Safety
- Forensic Science
- Public Service Leadership
- Construction Technology I
- WBL: Construction Technology - Interior
- Digital Photography I
- Digital Photography II
- Fire Science I

### McLane High School

**Linked Learning Pathways**
- Finance and Entrepreneurship – finance and banking (partnership with Union Bank)
- Medical Education and Research Academy (MERA) – patient care

**California Partnership Academies**
- Academy of Finance and Entrepreneurship – small business management and marketing
- Medical Education and Research Academy (MERA) – patient care
- ArtVenture – video production and art

**CTE Programs**
- Teacher Academy

**CTE Courses**
- Multimedia
- Entrepreneurship and Marketing
- UCCI: World History by Design
- Personal Finances
- Banking & Finance
- Banking & Financial Institution Internship
- Small Business Management
- WBL: Virtual Enterprise
- Applied Medical Sciences
- Nutritional Health Science
- UCCI: Applied Chemistry and Biotechnology
- Medical Health Careers
- WBL: Clinical and Administrative Health Careers
- Art Appreciation & Applied Arts
- Video Production
- Cinematography
- Educational Psychology
- Introduction to Education

---

From left, Mariah Inzunza, Patricia Gomez and Mikale Hoggatt learn about collecting evidence during a forensic science class at Hoover High School.

Emily Vang, a student teller at the Union Bank at McLane High School, helps customer Dylan Keosakdy with teller Denise Acosta in the background.
FOCUS ON CAREER PATHWAYS

Patiño School of Entrepreneurship
Linked Learning Pathways
- Business, Entrepreneurship, and Technology – online marketing, coding, and web design

CTE Courses
- Project Management
- Online Design and Marketing
- Business Startup Incubator
- Business Startup Accelerator
- Advanced Online Marketing
- Advanced Web Development
- Entrepreneurial Media
- AP Seminar
- AP Research
- AP Computer Science Principles

Roosevelt High School
Linked Learning Pathways
- Roosevelt Pathways in Medicine – patient care
- Public Service – public safety

California Partnership Academies
- Health Academy

CTE Programs
- Business and Marketing
- Fashion Design

CTE Courses
- Applied Medical Sciences
- Nutritional Health Science
- Medical Health Careers
- WBL: Allied Health Careers
- Sports Medicine
- Athletic Training
- Introduction to Public Safety
- PE for Public Service
- Criminal Justice
- Multimedia
- Design and Marketing
- WBL: Marketing and Enterprise

Contact information and additional details follow the text.
FOCUS ON CAREER PATHWAYS

Sunnyside High School
Linked Learning Pathways
- Agriscience and Technology – agriscience and agricultural mechanics
- Health and Human Services – patient care
- Multimedia and Marketing – photography and marketing
California Partnership Academies
- Video Production Academy – video production
Additional CTE Programs
- Doctors Academy
- Teacher Academy
CTE Courses
- CDE Agricultural Biology
- CDE Agriculture Science I
- UCCI: Chemistry and Agriscience
- Agriculture Mechanics
- UCCI: Sustainable Agriculture
- Agricultural Engineering
- Applied Medical Sciences
- UCCI: Biology and Community Health
- Sports Medicine
- Athletic Training
- Multimedia
- UCCI: World History by Design
- Digital Photography & Marketing
- Advanced Digital Photography & Marketing
- Video Production
- Videography
- ROP: Digital Video Production & Broadcasting
- Cinematography
- Child Development
- WBL: Careers in Education
- AP Computer Science A
- Digital Photography I

Over the summer, more than 30 students from Sunnyside High School’s Doctors Academy volunteered at Community Regional Medical Center, including Andrea Jauregui, left, and Mai Der Xiong.

Alternative Education Sites

Cambridge High School
CTE Courses
- Integrated Marketing Communications
- WBL: Small Business Management
- General Work Experience Education

DeWolf High School
CTE Courses
- WBL: Construction Technology – Interior
- Urban Innovations and Certifications
- General Work Experience Education

J.E. Young Academic Center
CTE Courses
- CTE Courses
- WBL: Social Media Marketing
- General Work Experience Education

Phoenix Secondary Academy
CTE Courses
- Construction Technology I
- Multimedia
- General Work Experience Education

*Project Lead the Way: Project-based curriculum focused on science, technology, engineering and biomedicine
**Work-based learning: Connects real-life work experiences to classroom curriculum
***University of California Curriculum Institute: A-G classes that fulfill four-year university entrance requirements

Delliah Pineda from J.E. Young Academic Center works on a construction project in Geometry in Construction class during the summer.
Building Futures | DECEMBER 2019/ JANUARY 2020

LCAP WORKSHOPS
Continued from page 1

officer, states, “Every year our workshops include a diverse group of school and community representatives who spend many hours providing us input as we refine our plans, but we know we must continue to improve, year after year. Thank you to everyone who supports our students and schools. These workshops deliver more than our opportunity to provide data and updates, they are an opportunity for us to hear from our community, leading to improved student outcomes and achievement levels. Collecting valuable community input is vital to student success.”

For those unable to attend one of the regional workshops, please consider taking the brief survey by visiting the district website and clicking the LCAP logo. The survey is another helpful way the district gathers stakeholder feedback. For more information, including the schedule and location of the upcoming regional workshops, please visit www.fresnounified.org.

Childcare, translation services and dinner are provided at all workshops.

<table>
<thead>
<tr>
<th>Date</th>
<th>Location/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 8</td>
<td>Duncan Polytechnical High School Cafeteria (includes McLane region)</td>
</tr>
<tr>
<td>January 9</td>
<td>Edison High School Cafeteria</td>
</tr>
<tr>
<td>January 14</td>
<td>Bullard High School Cafeteria</td>
</tr>
<tr>
<td>January 22</td>
<td>Hoover High School Cafeteria</td>
</tr>
<tr>
<td>February 4</td>
<td>Patiño School of Entrepreneurship Cafeteria/Multipurpose Room</td>
</tr>
<tr>
<td>February 13</td>
<td>Fresno High School Senate Chambers</td>
</tr>
<tr>
<td>February 19</td>
<td>Roosevelt High School Library</td>
</tr>
<tr>
<td>February 20</td>
<td>Sunnyside High School Cafeteria</td>
</tr>
</tbody>
</table>

PARENT TIPS
Continued from page 2

incluyen:
- Hablar con ellos sobre sus aspiraciones, pasiones, fortalezas y debilidades
- Discutir ideas sobre qué tipo de cosas podrían querer hacer “cuando crezcan”
- Investigar oportunidades, incluyendo oportunidades de enriquecimiento, clases CTE en las escuelas secundarias y preparatorias, y Vías de Aprendizaje Vinculadas disponibles en todo el distrito
- Si un estudiante muestra interés en una profesión, pero tiene algunas debilidades que podrían crear un obstáculo, ayudarlos a pensar en formas de desarrollar sus habilidades en esa área y animarlos a aprovechar a ser sombra de trabajo y oportunidades de voluntariado con empresas locales; comuníquese con el centro de profesiones de su escuela preparatoria para obtener recursos
- Completar los documentos de transferencia / de elección de escuela antes de la fecha límite del primero de diciembre para el siguiente año escolar; visite fresnounified.org en la Oficina de Padres y Transferencias para obtener más información sobre los plazos y las solicitudes de transferencia del distrito
- Asistir a eventos y exhibiciones de información para padres en todo el distrito y la comunidad
- Comunicarse con maestros y consejeros sobre formas de apoyar mejor las aspiraciones académicas y profesionales de un estudiante
- Pedirles a sus alumnos de séptimo y octavo grado que compartan su evaluación profesional completada en la plataforma Xello; visite go/clever (de la escuela) o go.fresnounified.org/clever (en cualquier otro lugar) para acceder a una variedad de Recursos de Preparación Universitaria Profesional
- Asistir a los talleres de la Universidad de Padres para aprender más sobre las oportunidades del distrito; comuníquese con la Universidad de Padres al (559) 457-3390 para obtener más información sobre los próximos talleres
- Asistir a la Cumbre de CTE de primavera, programada para el 14 de mayo de 2020– con su estudiante para aprender más sobre los programas CTE; no es necesario registrarse

La amplia variedad de programas y cursos de CTE en Fresno y profesiones disponibles para los estudiantes les deja con muchas opciones, y es importante considerar al estudiante individual y las opciones en las escuelas. Una vez que los estudiantes se matriculan en una carrera, la comunicación constante entre la escuela y el hogar puede ayudarlos a terminar con éxito y estar preparados para su futuro más allá de la escuela preparatoria. Para obtener más información sobre los programas de CTE, comuníquese con Preparación Universitaria y Profesional al (559) 248-7466.

Ceeb Tom Tej Niam Txiv Pab Tswij Cov Tub Kawm Ntawv rau “Pathways”

Tej niam txiv muaj peev xwm ua tau ib tes dej num tsuem ceeb los pab cov tub kawm ntawv taug rau txij ci kawm dej num (CTE) – txawm tias yuas yog “pathway”, qhov kev kawm los yog cov chav kawm.

Muab kev koom tes hauv CTE cov kev kawm muaj peev xwm txhabw tau tub kawm ntawv txoj kev kawm txij ci los ntawm ua ntsees rau kev npaj rau college thiab kev ua hauj lwm tau zoo. Cov niam txiv muaj peev xwm pab tau lawy cov tub kawm ntawv li cs npaj rau lub ntaj teb kev ua neej tiag tig? Cov kev tawm tsiv yiam xam nrog rau:
- Tham nrog lawx txog lawx kev cia siab, kev ntshaw, kev ua tau thiab kev ua tsis tai
- Sib tham txog cov tsiv yim txog yam dab tsi lawy nylam xav ua “thaun lawy loj hlob”
- Cov cib fin kev tshaw rhiaiv, xam nrog rau cov cib fin txhawg nqa, CTE cov chav kawm hauv cov tsev kawm ntawv them mra thiab them siab, thiab Txuas Kev Kawm “pathways” muaj los ntawm haub paus tsev kawm ntawv
- Yog tias ib tug tub kawm ntawv muaj

See PARENT TIPS
Continued on page 12
**FOCUS ON CAREER PATHWAYS**

Patiño Taps into Students’ Passions, Prepares them to Thrive in Life

As an applied entrepreneurship high school, Patiño School of Entrepreneurship equips young entrepreneurs to thrive.

The school’s commitment is to unite all academic disciplines through the lens of entrepreneurship to support students in developing an entrepreneurial mindset, creating their own businesses and applying academic principles in real-world scenarios.

Patiño’s curriculum centers on integrated project-based learning that fosters real world skills -- critical thinking, problem solving, and collaboration.

Graduates can pursue college, career, or both. However, here, students direct their education based on their passion.

The school fosters an open, innovative, and fun atmosphere, flexible schedule, and inspiring instructors. By the time students graduate, they will have developed, pitched, and launched their own companies.

All courses are taught through the lens of entrepreneurship. Teachers focus on 12 entrepreneurial skills critical to preparing students for the future:

- Interviewing
- Experimenting
- Storytelling
- Ideating
- Analyzing Data and Text
- Prototyping
- Providing Feedback
- Writing
- Thinking Visually
- Pitching
- Reflecting
- Working in Teams

Patiño students engage in the business, entrepreneurship, and technology pathways. Pathway CTE courses focus on project management, online marketing and web development, and entrepreneurship.

In ninth grade, students work on a passion project; they start to identify what they are passionate about and learn to successfully work in a team. In 10th grade, students complete technology internships, building websites and presenting social media proposals to real, local clients.

In 11th grade, students develop and launch a business that they pitch to local investors for an opportunity to win up to $10,000. In 12th grade, students run their business, focusing on customer acquisition, networking, and sales marketing.

In 11th and 12th grades, mentors from local businesses provide students with support and guidance in their entrepreneurial journey. The focus of Patiño is to produce students who leave the campus with an entrepreneurial mindset and skills that will help them in college, career, and in life.

Youngest Students Learn Engineering Skills through Fun Activities

To encourage and promote the creative mindset of students, Career Technical Education (CTE), Early Learning and Curriculum and Instruction departments in Fresno Unified have partnered to engage students in hands-on engineering activities that enhance literacy development. These activities:

- Are led by 21 pre-kindergarten teachers at 15 school sites; 20 transitional kindergarten teachers at 19 school sites, and 60 kindergarten teachers at 14 school sites.
- Incorporate reading, writing, listening, and speaking opportunities utilizing grade level vocabulary directly related to texts that students are reading in class.
- Align to the newly adopted Next Generation Science Standards developed by the California Department of Education.

All lessons follow a problem-based learning approach allowing students to brainstorm and solve an interesting and challenging engineering-based problem. For example, in kindergarten, students read “Float the Boat” to match the larger theme of modes of travel.

For the engineering challenge, students build a water vessel that can float, hold at least three aluminum washers and three paper clips, and has a wind catching device to propel the vessel forward with simulated wind.

Students work in engineering groups to create a plan, build a vessel or boat, test what they have built, and modify as needed. Students complete their challenge by presenting their build to classmates.

District trustees and the superintendent continue with their focused, ongoing investment to support the Goal 3: “All students will demonstrate the character and competencies for workplace success.” The skills and competencies include creativity, collaboration, communication, and problem solving, which align to the district’s Graduate Profile. These engineering lessons develop skills essential to “Preparing Career Ready Graduates.”
EMPLOYEE SPOTLIGHT

Anthony Teacher Arms Herself with Best Strategies for Her Students

Janna Kam teaches students with autism at Anthony Elementary School, where she has worked for four of her five years with Fresno Unified. She was a 2019 Excellence in Education finalist. Anthony principal Victoria Maglieri said about Kam: “She is willing to exhaust every effort when it comes to supporting her students.”

What prompted you to go into teaching, and made you focus on students with autism? During my first year teaching in Hawaii in a mild to moderate preschool class, I had one student with autism. After just having graduated from Fresno State with my BA in liberal studies and dual credentials, I realized that I didn’t learn much about students with autism and evidence-based teaching practices. I found a master’s program in Curriculum and Instruction in Special Education with an emphasis in autism through UMass Lowell. I wanted to apply everything that I was learning, but my district in Hawaii did not have any autism programs. When I found out that a new preschool autism program was opening at Anthony in Fresno, I applied right away. I came back to California and haven’t looked back.

What do you enjoy the most about your job? I enjoy the small things, as cliché as it sounds. I enjoy the first time a student successfully demonstrates a skill or meets an IEP goal, or hearing a students’ first spoken word or their first use of sign language to communicate.

What is the biggest challenge in your job? The biggest challenge in my job is making sure that my team is cohesive. I work with four amazing paraprofessionals in my classroom. Every student is unique, and in autism, things change fast.

Tell us about your efforts to raise funds for a motor sensory room. I partnered with Chevron Fuel Your College thiab Npaj Txhij Ua Hauj Lwm.

Anthony Elementary School’s Janna Kam moved from Hawaii to Fresno for the opportunity to teach children with autism.

PARENT TIPS
Continued from page 10

Did you know…

Every year, Americans throw away 35 billion plastic bottles.

Recycling just 1 soda can saves enough electricity to operate a TV for up to 3 hours.

Glass bottles take over 1 million years to decompose in landfills.

Want to learn more about recycling? Call (559) 621-1111 to book a recycling presentation for your class!

The Facts About Plastics, Metals & Glass!
FOCUS ON CAREER PATHWAYS

Holding Court at Bullard Appeals to Students Interested in the Law

Bullard High School turned its theater into a courtroom for a day this fall, giving students a front-row seat to real court proceedings.

More than 300 students in Bullard’s Law and Social Justice Pathway watched the Fifth District Court of Appeal in action, with judges presiding over two important cases. During breaks, students had the opportunity to ask questions.

“I thought it was really exciting to meet the judges on that day. It is probably a once in a lifetime opportunity to do that. I just thought it was a great way to learn what they do for their jobs in case we want to do that when we grow up,” said law pathway student Ian Caceres, a ninth grader.

Law pathway lead teacher Chelsea “Doctore” M. Geraci-Milliorn said the California Court of Appeal approached the school in May about holding court on campus so that the law pathway students could experience the legal system in action.

The Fifth District Court of Appeal’s home is in downtown Fresno, but officials sometimes hold proceedings in other locations to show the community what they do.

The Fifth District Court of Appeal moved its courtroom to Bullard High School for a day to give students in the Law and Social Justice Pathway a closer look at the legal process.

“It gives us a chance for people to see what we do, expose what we do to the community, particularly the young people. It’s part of the education process,” said associate justice Chuck Poochigian.

He said the Oct. 22 proceedings at Bullard were “exactly the way cases are handled in the Court of Appeal.”

Although Bullard’s law pathway has its own courtroom (which was not large enough for the Court of Appeal proceedings), getting to watch real cases was a new experience for most of the students – one that not many high schools offer.

“The Fifth District Court of Appeal event here at Bullard was a wonderful and unprecedented event for our students, staff, community and stakeholders,” Geraci-Milliorn said. “While this was a plan that had a number of moving parts, the outcome due to the commitment of all those invested, came to a beautiful fruition for our kids.”

The law pathway program is in its fourth year at Bullard. During the four-year program, students are in Linked Learning classes that infuse legal concepts and social sciences into their core classes. Throughout their pathway experience, students are engaged in project-based learning and have several opportunities for work-based learning and experiences in the field, like job shadowing and internships. Students also benefit from project advisers from the industry to make sure their work is relevant and meets industry standards.

Http://www.CentralValleyCensus.org
Like us on Facebook! @FresnoCountyCCC
FOCUS ON CAREER PATHWAYS

All Fifth, Sixth Graders Learn from Fun, Hands-on STEM Lessons

All district fifth and sixth grade students participate in hands-on science, technology, engineering, and mathematics (STEM) activities through the Career Technical Education (CTE) Department’s six-year partnership with Fresno State.

Fifth graders participate in STEM 5, while sixth graders participate in Kids Invent! as part of a collaboration with the university’s Lyles Center for Innovation and Entrepreneurship. Activities at both grade levels are inquiry-based, encouraging creativity, critical thinking, teamwork, and innovation. These hands-on science activities align directly to Fresno Unified’s Graduate Profile, which promotes skills and competencies students need to become career-ready upon graduation.

CTE and Lyles Center staffs redesigned the fifth-grade content to align to the Next Generation Science Standards (NGSS) to prepare all fifth-grade students for the California Science Test taken each year in April.

The new program, STEM 5, addresses each domain of the NGSS: life, physical, and earth and space sciences. The STEM 5 program goal is to engage all students and teachers in the scientific process by introducing problems facing the city and state and asking students to plan and create potential solutions.

The sixth-grade Kids Invent! program presents “Challenges” within the content that highlight cross-curricular applications, including students’ learning in literacy and mathematics. Each activity is also aligned to one of the NGSS domains and the engineering process.

Work-Based Learning: Connecting the Classroom to the Real World

How does Fresno Unified meet its mission of “Preparing Career Ready Graduates?”

One critical avenue for ensuring that all students demonstrate the character and skills for workplace success is by working with local business and college partners to create work-based learning experiences for students.

Work-based learning is an instructional technique that connects student learning with the workplace skills necessary for success after high school. Work-based learning activities include industry-specific guest speakers, following professionals at work (job shadowing), mock interviews, industry visits, internships and volunteering.

By spending time with industry professionals, students are exposed to work-based learning experiences that better prepare them to make informed college and career choices and allow them to gain necessary college-and-career-readiness skills. For students, challenges also support digital literacy through robotics activities. During the third quarter, sixth-grade students will build and code robots to complete a variety of challenges integrating problem-solving, critical thinking, and programming.

Darlene Ouzounian, a teacher at Rowell Elementary, integrates both programs in her classroom.

“STEM 5 and Kids Invent! have been an important part of our class lessons,” Ouzounian said. “Our students love learning science and the programs provide high quality, hands-on opportunities for our students to explore the world around them. I appreciate that all of my students succeed and continue their excitement for learning and exploring!”

Annually, each school sends a fifth grade and sixth grade team of four students each to compete in Innovation Day at the Save Mart Center. This year’s competition takes place on May 19 at 4 p.m. Come check it out!
El Año Pasado
Trajo Ampliación a los Programas CTE, de Experiencias Para los Estudiantes

¡De igual manera, la época festiva esta sobre nosotros! Esta época del año es una de las ocasiones más significativas de celebración, amor, familia y gratitud. Tiempo en el que cerramos un año de reflexión y momento de soñar para el próximo año. Mientras que reflexionamos sobre el año que cerramos, me siento tan agradecido de nuestros más de 74,000 increíbles estudiantes, nuestros más de 7,100 empleados dedicados, administradores de la mesa directiva y la salud y felicidad de mi familia. ¿A medida que inicia nuestro año nuevo, les deseo a ustedes y los suyos un brillante y positivo año nuevo de amor y aprendizaje.

Veo el año pasado con gran aprecio. Siempre tenemos más trabajo por hacer y nos esforzamos cada día para mejorar las oportunidades y los resultados de nuestros estudiantes. Una manera en la que nos enfocamos sobre eso es, a través de nuestros increíbles programas educativos de carrera técnica (CTE). Lo que ofrece nuestro programa CTE dentro del Distrito Escolar Unificado de Fresno continúa fortaleciéndose y ampliándose el último año teniendo 44% de nuestros estudiantes de 7mo-12vo grado inscritos por lo menos en uno de los cursos del programa CTE. Nuestros estudiantes han obtenido más de 2,000 creaciones e innovaciones de aprendizaje y promocionado el uso de las mismas. Un ejemplo de este programa Camino a Técnico Farmacéutico en la Preparatoria Duncan Politecnica, resultados de los cuales los estudiantes se convierten en técnicos farmacéuticos certificados en cuanto se gradúan.

Continuando de la página 3

La Universidad de Fresno continúa fortaleciéndose y ampliándose a través de nuestro programa de aprendizaje basado en trabajo. Este programa de aprendizaje basado en trabajo ha experimentado un aumento dramático durante los últimos años, que permiten estudiar en el mundo laboral en diversos sectores industriales. Específicamente, tendrán la oportunidad de pasar tres horas al lado del profesionales en diversos sectores industriales para tener una idea de los caminos de carrera día a día.

Este año, nuestros equipos han cambiado el formato un poco para aumentar la cantidad de estudiantes en la cantidad de socios industriales que pueden participar. El Día de Seguimiento Laboral se llevarán a cabo en un conjunto de cinco meses, en lugar de solo durante el mes de febrero. En octubre, November, December, January y February de 2020.

Los estudiantes de Preparatoria, Artes y Diseño, así como también en Negocios y Empresariales. En noviembre, los estudiantes experimentaron los sectores Educativos, Desarrollo Infantil y Servicios Humanos. En enero, nuestros estudiantes se sumergirán en el mundo de Manufacturación Industrial y Tecnología.

En el último año, tenemos más de 35 socios industriales que participaron en el programa CTE dentro del Distrito Escolar Unificado de Fresno. Muchos de nuestros socios de negocios e industrias por su apoyo para preparar a nuestros estudiantes para el lugar de trabajo del Siglo 21.

Por lo tanto, ustedes deberán reflexionar y celebrar esta época del año, ¡mi deseo personalmente es desearte una maravillosa época festiva! Espero que la tiene, pero aprenderemos que el próximo año, anticipándonos el éxito en el futuro. Durante esta época festiva, también lo anímico a usted y a su familia a tomar tiempo para ser útil en nuestra comunidad. Muchas de nuestras familias del Distrito Escolar Unificado de Fresno tienen gran dificultad durante esta época y su tiempo de recomendar hacer mejor esta época para todos a su alrededor. ¡Felices días festivos de parte de todos nosotros en el Distrito Escolar Unificado de Fresno!
Local businesses are critical partners in CTE as they connect the world of work to the classroom. A high-quality CTE experience offers career awareness, exploration, and readiness learning for students at all grade levels. CTE also helps employers fill needs in high-skill, high-wage, high-demand areas; creates opportunities for industry-recognized certifications; and gives students an opportunity to enroll in college courses while in high school.

CTE programs are offered at each high school in Fresno Unified and focus on the challenging technical and academic skills needed to attain and maintain high-skill, high-demand careers. Students can also join a club on campus that reinforces skill development and includes competitive opportunities.

Many of the district’s middle schools offer CTE courses and clubs that introduce students to the various options available to them upon entering high school. Elementary students in grades 3-6 have CTE experiences through industry visits, science, technology, engineering, math (STEM) activities and summer school enrichment.

High school CTE courses, including Regional Occupational Program (ROP) courses, are essential components of Linked Learning pathways, Career Partnership Academies and the International Baccalaureate (IB) Career Programme and give students extra preparation for college and careers.

School and DonorsChoose for the last two years. Sensory processing disorder and sensory dysregulation is very common for children with autism. Sensory input is vital for self-regulation, calming the “flight or fight” response so that they are ready to learn. As soon as my project was funded and the equipment for the motor room was delivered, my administrators were able to fulfill my wish by providing a space for a motor room.

What are some keys to teaching students with autism? The key to teaching students with autism is to understand the ABCs of behavior. A is for Antecedent, B is for Behavior and C is for Consequence. Antecedent is what happens right before the behavior. B is the actual behavior (not necessarily a “bad” behavior), and C for the consequence or what happens right after. As an educator of students with autism, when you learn how to change or alter one or all the parts of the ABCs – that’s where the real magic and real behavior change happens.

Name one thing most people don’t know about you. Most people don’t know that I’m Japanese, born and raised in Honolulu, Hawaii, and that I have a twin sister.