

IN-CITE-FUL CONNECTIONS

Connecting Students to the *Real World*



March, 2018



SPRINGS
CHARTER SCHOOLS

Career Internship Technical Education



Not only do students in our **CTE Game Design Pathway** design video games...
they build computers too!

Building the computers for the CTE Game Design course was such a wonderful experience. As someone who has always been fascinated with building PCs, but was never able to due to budget constraints or lack of time, it was interesting learning the steps to building a computer. Things like learning how to properly install a new mother-board and processor were great, and working with others in the classroom was a great exercise of teamwork. The feeling I got once I finished and got the PC running was incredible. It was one of the most satisfying experiences I've had here at River Springs.

-Game Design Student, Connor Mclerren



SPRINGS STUDENTS REPRESENTED AT SKILLSUSA REGIONAL COMPETITION!

SkillsUSA is a partnership of students, teachers and industry professionals working together to ensure that America has a skilled workforce. Each year they host regional, state, and national competitions across all trades and areas of professional focus.

CTE was proud to have **ten students** compete in the SkillsUSA Regional competition this year!



Pictured from left to right: David Arteaga and Urian Dillon

David Arteaga and Urian Dillon, 11th graders from the Magnolia Student Center, competed in the **Digital Cinema Production** contest - a two-person team filmmaking challenge - and impressed us all with their creative final video! The students had just two days to shoot and edit their video, prepare a screenplay, script, storyboards, and more. In their **Design, Visual, and Media Arts Pathway** classes they practiced working as a team by creating a short video in class together prior to learning the theme of their SkillsUSA video challenge.



Pictured from left to right: Zoe Downs, Carolyn Griego, Emmanuel Garcia, and Lauren Marquez

Lauren Marquez, an 11th grader from the Pathfinder Student Center, competed in the **20 Second Elevator Speech** contest, preparing and delivering a brief, but concise, speech answering the question "What is SkillsUSA". She wrote and rehearsed her speech to prepare for the competition.

Zoe Downs, a 10th grader from the Pathfinder Student Center, took on the **Prepared Speech** contest, having to write and share a 5 to 7 minute speech based on SkillsUSA's theme for 2018: "Champions at Work, Job-Ready Day One." Zoe spent time preparing several drafts of her speech, then spoke from memory in front of the judges on competition day.



Anyela Reyes-Gomez, a 12th grader from the Hemet Student Center, **Agatha McIntyre**, a 9th grader in the Homeschool Program, and **Grace Winterstrom**, a 10th grader in the Homeschool Program, competed in the **Photography Contest** against 45 talented photography students from throughout Southern California. The students had to print and professionally mount two of their best photographs ahead of time for the judges to evaluate. They also completed an on-site photo shoot and editing challenge at Riverside City College, and took an on-site photography knowledge test.

Agatha McIntyre received the **Silver Medal Award** in the Photography contest, and has been invited to compete at the State SkillsUSA competition in April!

Congrats Aggie!



Anyela Reyes-Gomez with her photographs at Regionals.



Agatha McIntyre with her photographs at Regionals.



Grace Winterstrom with her photographs at Regionals.

Carolynn Griego, a 12th grader from the Magnolia Student Center, **Emmanuel Garcia**, a 12th grader from the Magnolia Student Center, and **Gavin Lowe**, an 11th grader from KEYS, competed in the **T-Shirt Design Contest** - designing creative California-themed t-shirts. The students practiced a combination of drawing, digital image compositing, and graphic design techniques, and compiled their final designs in Adobe Photoshop. At the regional competition they presented their designs to judges, sharing slideshows of the various stages their design went through before being completed.

All of our CTE students made us proud and represented the diverse creativity that Springs students have to offer!

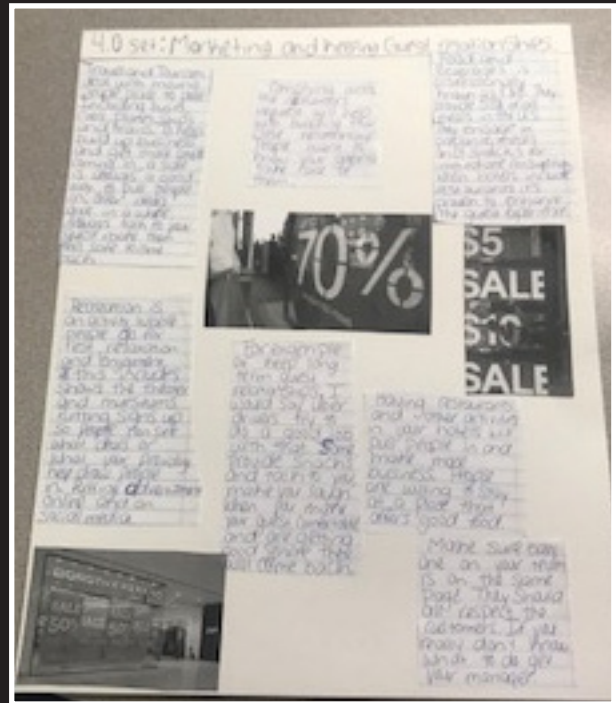


Pictured from left to right: Carolynn Griego, Emmanuel Garcia, and Gavin Lowe with their T-Shirt design concepts at Regionals.

REAL WORLD LEARNING!

Stand-Out Student Projects across Many Pathways!

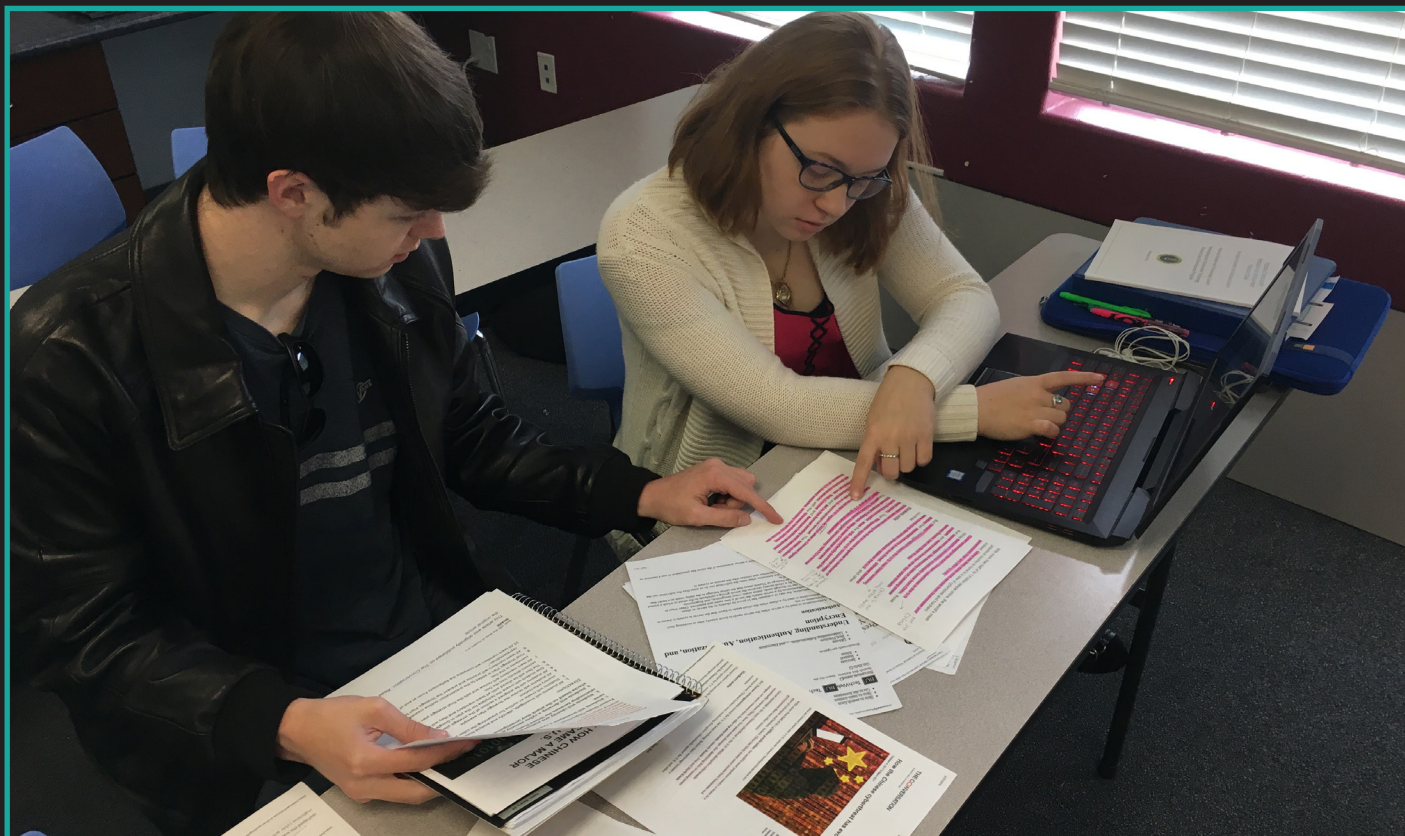
Outstanding student, **Ashley Condon**, put together a poster for her **CTE Hospitality, Tourism, and Recreation** pathway. Ashley went out and explored different hospitality outlets to research what companies did to attract customers and maintain a long term guest relationship. *I commend Ashley for putting herself in the shoes of the industry to fully understand company and customer interaction.* - Hospitality, Tourism, and Recreation Pathway teacher, Maria Smith



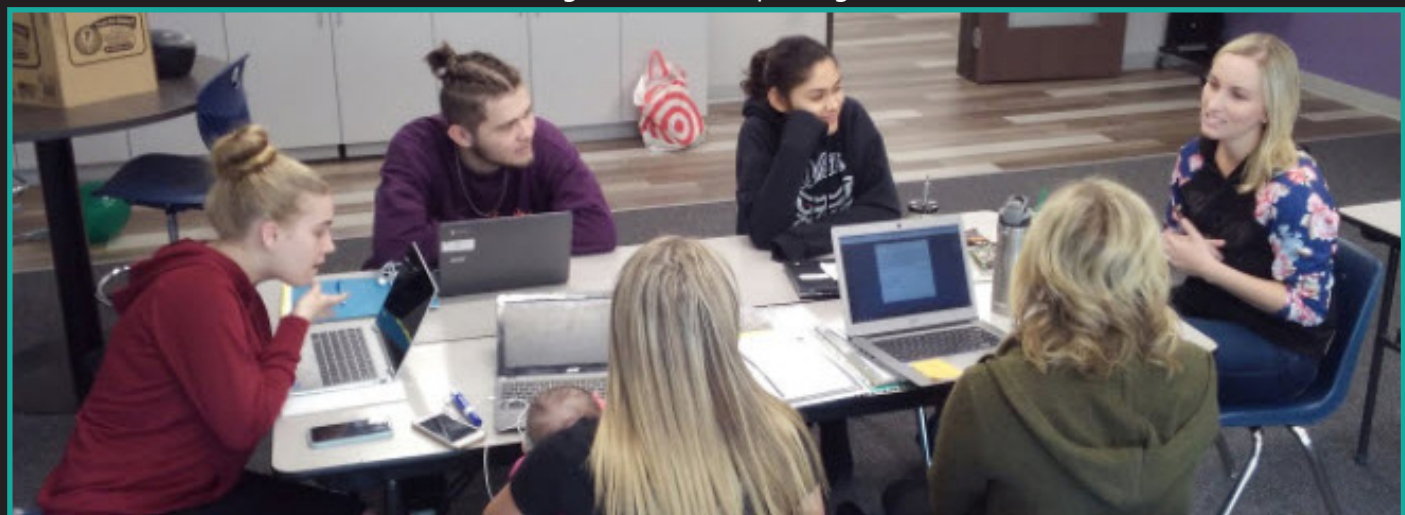
Students in the **System Diagnostics, Service, and Repair** Pathway at the **Hemet Student Center** used a floor jack to demonstrate how hydraulics can be used to increase force due to piston size differential. They also used a burette to measure combustion chamber volume, which is used to calculate compression ratio.



Students enrolled in the *CTE Enforcement Agencies and Procedures* course, part of the *CTE Public Safety Pathway* at Temecula Student Center, collaborated on a *cyber security project* during the months of February and March. They worked to *identify and investigate a cyber attack against the United States* and analyzed historical information on the relationship between the United States and the country from which the cyber attack originated. They then worked together to *develop a cyber security plan to deter future cyber attacks*, using the Federal Cybersecurity Search and Development Strategic Plan as a guide.



The *CTE Family and Human Services* Pathway class at the *Magnolia Student Center* welcomed *Registered Nurse, Amanda Aarts*, to discuss standards in the health and safety section of Human Development. Mrs. Aarts (seated far right) gave the students instructions for *CPR* and talked in-depth about what they could do to help in a variety of emergency situations. The students were able to talk to her about *careers as Human Services professionals*. They experienced Real World learning by asking questions about several standards regarding good safety habits for all ages, performing the procedures for basic first aid and CPR for infants, children, and adults, and compliance with the procedures that prevent the spread of illnesses, infections, and diseases, including blood-borne pathogens.





HEMET ENGINEERING TECHNOLOGY PATHWAY STUDENTS USED THE ENGINEERING DESIGN PROCESS TO DEFINE AND SOLVE A REAL WORLD PROBLEM IN CLASS!

Define the problem: Students were given robot frame dimensions with a scissor lift design that may extend no higher than 80 inches. They were then asked to develop (with sketching) a mechanism that will pick up a 6" cube and place it onto a 7 foot (84 inches) high shelf.

Specify Requirements – Explained limitations – All mechanisms must rest within the frame parameters but may move outside to perform their function.

Conduct Research – Students researched other designs on the Internet (utilizing CITE I CANs 5, 11)

Each student was tasked with creating their own solution – and **demonstrating** through sketches.

Each student **demonstrates** their design concept using the white board as a way of **delivering** mastery.

The group evaluated, questioned, and discussed the designed solutions - students were given the opportunity to **defend** their solutions.

The group selected the best solution to the **real-world problem** together (utilizing CITE I CANs 2, 7 and 9).

CITE STUDENTS ARE CAREER READY!

Students rock real-world internships!

Our Interns make us proud once again!

After a routine visit to a local business, **SC Village Paintball and Airsoft Park** where some of our students work, I was asked if we had any more students that would be interested in working on the week-ends... the manager mentioned that he really liked the work-ethics of our students and their **PROFESSIONAL SKILLS!**

I was so honored that they would ask for more of our Springs CITE students, and so proud of our interns for doing a great job at the Park this year, Connor McLarren and Kirin McLarren - seniors at Magnolia Student Center.



Brienne Thurber, a junior at the Temecula Student Center, is an intern with **Christian Youth Theater (CYT)**. For her internship, she works as a class aide for the youth and special needs classes, and assists as a show aide for performances.

In addition to her internship, she is enrolled in classes at CYT, and performs in the shows. In January, she stole the show as Miss Hannigan in *Annie*. She has a passion for both theater and teaching, and is considering majoring in Musical Theater and Science at UCLA. **Ten years from now, she plans to either be performing on a Broadway stage or making a difference by teaching.**