



LAGUNA BEACH HIGH SCHOOL

CTE Pathways Newsletter

October 2021

HAPPY FALL!

Fall is definitely here. There is a crisp, coolness to the days and evenings are getting darker faster. Our CTE students are about half way through their Fall semesters and the classrooms are alive with exciting and engaging activities, events, and projects. Enjoy this peek into the CTE Pathways and all the learning that is taking place.

The LBHS CTE Pathways Newsletter is a monthly tool to share with our students, parents, and community about some of the amazing learning happening in our CTE Pathways.

Skills ALL Students Need



Soft Skills Every Gen Z Entrepreneur Needs

Small businesses succeed or fail by the skills of the owners, ultimately. Some failed entrepreneurs like to place the blame elsewhere: "My employees were the problem," "Suppliers didn't make deliveries on time," "My readers didn't pay enough attention to my blog," or they come up with other excuses.

It's clear that the entrepreneurs in the above examples did not manage employees properly, needed a workaround to overcome the delivery problems, and should have written a more appealing blog for readers. In every case, the responsibility for handling these problems lay with the entrepreneur.

Successful management of a small business depends on the owner's soft skills — their professional traits and habits. Leadership and communication, two key entrepreneurial soft skills, are covered below and will be followed by others in the next *Career Headlines*.

[Leadership](#)



*Soft Skills, also called Interpersonal Skills or Emotional Intelligence, are skills that all students need to develop to be successful in their future careers. Classrooms provide numerous opportunities to learn and practice these critical skills. From group projects to presentations, students in any grade can enhance their teamwork, communication, problem-solving, and decision-making skills. **Click on the picture above to view the document.***

What happened in October?

Graphic Design Pathway

Our Graphic Design Pathway consists of 3 courses; Multimedia Production, Multimedia Design Honors, and 3D Media Design Honors. In this pathway, students learn to design and manufacture projects using industry equipment and technology. In October, the Multimedia Design Honors students design, branded, and manufactured beautiful boxes for our LBHS Track & Field team. Students, who worked on this project, had to create a design to meet the needs of their client, develop a mock-up of the design, receive approval from the client, and then complete construction of the design. Real-world customer service skills were practiced as students took the concept from design to the finished product.



Students in the Graphic Design Pathway learn to use industry equipment like CNC Machines, Screenprinting, 3D Printers, Laser Cutters, Scanners, Digital Cameras and many more.



Structure of a CTE Pathway

CTE Courses are sequenced to create pathways for students in a course of study which can lead to employment and/or post-secondary opportunities.

Students must complete all courses, in sequence, in order to become a pathway completer.

A pathway usually consists of 2 courses in sequence, but can have 3 courses. All pathways have at least a concentrator and a capstone course.

An **introductory course** contains beginning concepts required to

build foundational and general knowledge of the field.

A **concentrator course** extends learning to provide more in-depth instruction & exploration of a industry sector.

A **capstone course** provides a rigorous & intensive culmination to a course of study.

Patient Care Pathway

During October, our students in the Patient Care Pathway learned about the ways to control infections. Students learned how to protect themselves by using PPEs (personal protective equipment) like wearing masks, gowns, and gloves. They also learned the importance of protecting oneself in respiratory and contact isolation. When working with ill and injured patients, it is critical that students know how to protect themselves so they are not exposed.



Chase Benson (left) and Maesen Silva (right) demonstrate the correct method of protecting themselves from infection by wearing PPEs.

More Skill Development Happening in the Patient Care Pathway

Students also learned how to take the vital signs of patients. Knowing a patient's vital signs is critical to their diagnosis and treatment plan. Learning how to take manual blood pressure readings is important and takes a lot of practice to be good at it.



Ethan Das (left) and Tyler Palino (right) are practicing taking manual blood pressure readings



***Click on icon above
to read article
about vital signs***



Tiba Rouhi is also learning how to take manual blood pressure readings

Try Playing Some of the Student Created Apps

Click on the name of the app to play each game.

[Build A Scarecrow](#)

by Emmy Regal & Brooklyn Yelland

[Fall Games](#)

by Mila Rafaty & Izzy Sarkis

[Ghost Hunter 9000](#)

By Charles Roop

[Halloween Escape Room](#)

By Lucas Bianchi & Luke Degner

[Halloween Hangman](#)

By Theodore Drews

[Tic-Tac-Toe](#)

By Nick Moore

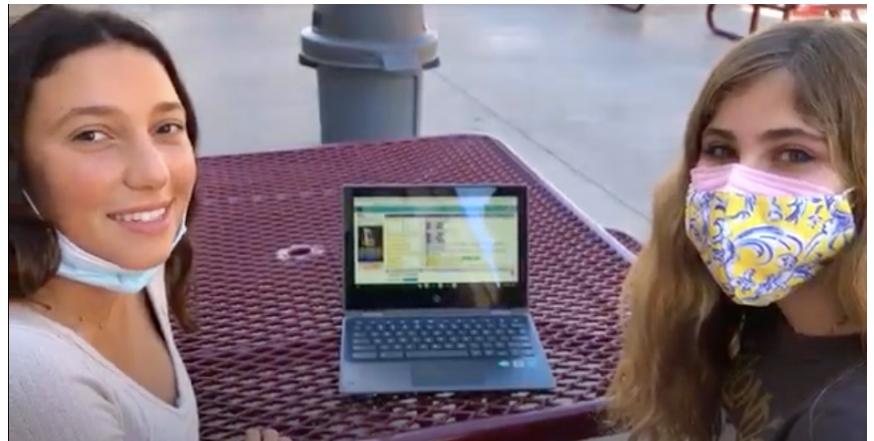
[Trick-Or-Treat Game](#)

By Mia Tacklind



Systems Programming Pathway

This month, students in the AP Computer Science Principles course developed Halloween/Fall Themed Apps. The apps can be used on any device. Students designed the screens of the apps. After the screen design was complete, the students built the functionality of their apps through coding, which included variables and if/else statements.



Izzy Sarkis (left) and Mila Rafaty (right) created a Halloween themed app for the user to get to play some fun games; one game is Pumpkin Chase. **Please click on the picture above to watch a video about their Halloween game.**



Nick Moore also created a Halloween themed app for the user to play a fun Tic-Tac-Toe game with Halloween pumpkins and spiders as the game pieces. Nick took his app to the next level by coding 3 different levels to his game, Easy, Medium, and Hard. **Please click on the picture above to watch a video about his Halloween game.**



Dance/Choreography Pathway

October is an exciting month for our students in the Dance/Choreography Pathway. Most of the month, students have been working on creating their dances for the Fall Dance Concert, which is a student-driven event. Students must submit a resume and cover letter for the concert job they want to apply for. The teacher reviews all the resumes and cover letters to select the best applicant for each position in the Fall Concert.

Several students were hired to be the choreographers for the concert dances. Working as a choreographers involves many skills; creativity to design the dance steps, a good ear for music to select the song, strong spatial awareness so dancers are not bumping into each other, and a expansive knowledge of dance steps and movements.



Lila Goldstein is one of the choreographers for the Fall concert. She selected a song that is one of her favorites and then choreographed the dance to the feeling evoked in the song. Lila wants to study Musical Theatre in college. What she found most rewarding from the CTE Dance Pathway is getting to see all her progress; increasing her strength, improving her technical skills, and challenging her limits by pushing herself to try new techniques. **Click on the picture to view the video of Lila teaching the dance she choreographed.**



Click on picture to see full flyer.



Grace Farrington is also a choreographer for the Fall concert. She applied because it is a great opportunity for her to challenge herself. She is excited to see an idea of her come to life. After listening to the song "Us" over and over in her car, she fell in love with it and thought it was a fit perfectly with her vision. Grace would like to study dance in college and has dreamed about being a professional dancer since a very young age. **Click on the picture to view the video of the dance Grace choreographed.**

Visual/Commercial Arts Pathway

Our Art Entrepreneurship Course hosted an Art Exhibit from October 18th to the 29th. The exhibit was held in the LBHS Library.

"California" was a visual art showcase curated by Art Entrepreneurship students, Louis Gourley, Egan Walker, and Coco Reed. The show features paintings, drawings, and photographs from the LBHS Visual Arts students of all grade levels. The Visual-Commercial Arts Pathway wants to recognize all the amazing work LBHS artists have been doing for the past 2 years.



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