3DE is re-engineering the learning experience for students at Hillsborough and Chamberlain High Schools

3DE, our district’s newest program, is a joint venture between HCPS, Junior Achievement of Tampa Bay and the business community. It is a full immersion school-within-a-school instructional model where local and national partnerships provide relevant case methods geared towards entrepreneurial thinking, project/problem-based learning and authentic workplace experiences.

“This program has been wildly successful because those involved all share the core belief that education should be a catalyst for opportunity,” said Kate Stead, Hillsborough County Public Schools 3DE Partnership Director.

That opportunity exists thanks to the 3DE curriculum, which aims to push education beyond the classroom walls. Its Case Methodology is proven to increase student engagement, strengthen comprehension, build critical thinking and accelerate academic performance.

District and local leaders got a first-hand look at a 3DE Case Challenge when they toured the new 3DE Program at Chamberlain High. Students were tasked to use marketing strategies to determine whether A-LIGN should market to small and medium size businesses, or if they should go after larger Fortune 500 companies.

“3DE is kind of like a dream come true for me,” said Josiah Quinones, a 3DE Student at Chamberlain High. “This program allows me to do things I’ve always wanted to do in a normal classroom but never had the resources to do.”

“Our students shock themselves once they present their Case Challenge,” said Julia Pipkens, 3DE School Director at Chamberlain High. “I love the fact they’re starting to hold their heads up high and have faith in themselves.”

“If they win, we win,” said Quinones. “We all want to accomplish one thing: to have success in our education.”

Read the full article and view a video feature about 3DE at: hillsboroughschools.org/getschooled
I like to bring them into the kitchen," Chef Deb said with her laptop in her hand. "I bring the laptop in and ask them questions throughout the class just like I'm asking the students who are physically present."

In addition to the live tutorials, she creates weekly YouTube videos highlighting the concepts she covers each week. These demonstrations allow for students to try the recipes at home on their own time.

Hladky is the first to admit that it is much easier to keep students engaged in person since they have the proper culinary tools and ingredients at their fingertips.

"It's more difficult than ever to get every student learning," she said. "Some students can't cook at home so I have to create alternate lessons to meet the instructional needs of every student."

As for the recipe for that perfect lesson?

"Some weeks it's great, and some weeks it's not—so I have to be flexible," she said. "But we (teachers) do it because we love the kids and love what we do."

COVID restrictions have created quite the challenge for teachers' instructional approach this school year.

Leto High’s Chef Debra Hladky is one of many Career and Technical Education (CTE) teachers who is facing the new task of simultaneously teaching both brick and mortar and eLearning students. Like many in the profession, finding the right ingredients to create engaging experiences for students in her award-winning culinary arts program is her toughest challenge.

"The best part of this class is the hands-on learning," said Chef Deb, Leto’s culinary arts instructor. "The kids are in the kitchen on a daily basis practicing and applying everything we learn in the classroom."

But how does she keep her online learners engaged?

"It helps them reiterate the lesson as well as still feeling involved on a daily basis," said Chef Deb. "For me, it’s about connecting with the kids. If they’re not engaged and connected, then they’re not learning and they’re not having fun."

TEACHING IN THE COVID ERA: LETO HIGH CULINARY ARTS

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TECH TALK | ISSUE 02

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COMING SOON! WELDING LAB AT EAST BAY HIGH

Through a Pathways grant from the Florida Department of Education, East Bay High will soon debut its new Welding Lab.

► 15 State-of-the-art welding booths
► Enhanced ventilation systems
► Brand new shop machines, materials and hand tools
► Welding PPE such as helmets, jackets and gloves

"I’m excited to provide a purpose for these students,” said Raymond Laferriere, East Bay’s welding teacher. “Many of them are craving direction for their future—just like I was when I went to Jefferson High in the late 1980’s.”
The Gaither High Navy Junior Reserve Officers Training Corps (NJROTC) recently earned the “Most Outstanding Unit in America” award for 2020! This coveted achievement identifies the unit that out-performs all others in a variety of categories such as academic excellence, college placement and scholarships, community support, active program involvement and expertise and competitive excellence.

Lieutenant Commander (LCDR) Jim Stauffer, Gaither’s Senior Naval Science Instructor, is honored his Cadets were selected from more than 600 units across the nation.

“The students pride themselves on working smarter AND harder to be as good as they can be in all areas,” said LCDR Stauffer. “The underlying motivation for their efforts stems from the enjoyment they get in working with their close friends to achieve at the very highest levels. They truly are the best in the nation!”

Gaither NJROTC has been a perennial national powerhouse in multiple categories. They won the Overall State Championship the last three years in Academics, Athletics and Drill, and is the current Overall National Champion in that category.

Hillsborough County Schools is so proud of the young adults who have worked extremely hard to better themselves and their teammates, and continually strive to be the very best. Congratulations to Gaither NJROTC for this prestigious national award!

“MOST OUTSTANDING UNIT IN AMERICA”
CONGRATULATIONS GAITHER HIGH NAVY JROTC!

ServSafe is a food and beverage safety training and certificate program administered by the U.S. National Restaurant Association. This industry certification is earned by students in the Culinary Arts program.

There have been 1,377 Culinary Arts students who have earned ServSafe industry certification in the last 4 years!

CLICK HERE TO LEARN MORE ABOUT THIS INDUSTRY CERTIFICATION OR VISIT: www.servsafe.com
COVID restrictions could not prevent our Career and Technical Education (CTE) programs from participating in October’s Manufacturing Month festivities.

Through partnerships with a variety of local manufacturing firms, middle and high school engineering and manufacturing students studied real-world engineering and I.T. careers through a virtual setting in a first-ever county-wide virtual field trip.

“This was so important for us because the students are exposed to a real-life setting,” said David Carrier, Armwood High’s machining tech teacher. “It opens their eyes to the possibilities of future employment and career opportunities.”

Local manufacturers, such as Southern Manufacturing Technologies (SMT) and JBT Aerotech, participated in the virtual field trip which included videos made specifically for our students—allowing them to explore the manufacturing facilities and learn more about potential careers.

“If you have ever been to these local manufacturing facilities before, they are truly amazing,” said Jereme Monette, HCPS Supervisor of Career, Technical and Adult Education. “Some of them make parts for military equipment, passenger jets and even NASA!”

In addition to the virtual tours, students were able to participate in a series of six live Q and A sessions throughout the month. Through the Bay Area Manufacturing Platform, students connected with employees from companies such as Seal Dynamics and Mastercut Tool.

“Many of our students go on to very successful, high-paying careers in manufacturing after they leave our CTE programs,” said Monette. “This was great opportunity to explore hands-on engineering right in our own back yard.”
NAF is a national network of education, business, and community leaders who work together to ensure that high school students are college, career, and future ready.

Brandon High School’s AOF and AOIT have reached Model level and Jefferson High School’s AOF has reached Distinguished level on NAF’s annual assessment, delivering high quality educational experiences for high school students. NAF’s annual assessment measures an academy’s strengths and challenges in implementing NAF’s results-driven educational design that prepares students for success in college and careers. Site visits conducted by a team of distinguished leaders, outside experts, and NAF staff verify academy scores.

NAF’s annual assessment helps academies assess their progress and increase their alignment to NAF’s standards, reflecting national standards developed by researchers and members from similar career and pathway organizations.

Congratulations to the Academy Directors (Jeanna Dauphinee, Larissa Lizarraga, Rochelle Stanfill, Evan Statman, and Dawnelle Stafford), Principals (Robert Quinn and Jeremy Klein), and… ALL of the NAF students on this amazing accomplishment!
Hillsborough County Public Schools promotes a welcoming and supportive environment that celebrates and values diversity and respect for all students and its employees. The School District of Hillsborough County does not discriminate nor tolerate harassment on the basis of race, color, ethnicity, national origin, religion, gender, gender identity, sexual orientation, age, disability, marital status, genetic information or pregnancy in its educational programs, services or activities, or in its hiring or employment practices; and it will take immediate action to eliminate such harassment, prevent its recurrence, and address its effects.

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