



## **Career Pathway Spotlight:** Health Informatics/Health Information Management/Medical Office Pathway

In this pathway, students learn how to work directly with patients and are exposed to areas such as patient care, treatment, counseling and health education information. This is followed by anatomy and physiology, a vital part in most healthcare post-secondary education programs. The completion of this pathway includes introducing students to skills and knowledge utilized in a medical office, the structure of healthcare in the United States, healthcare providers, and the structure and function of professional organizations.

## **Industry Spotlight:** Southern Regional Medical Center



Southern Regional Medical Center (SRMC) hosted a Work-based Learning instructors "Get Into Industry" business tour on November 29<sup>th</sup>. Supporting Health Science pathways, SRMC professionals conducted presentations covering a variety of healthcare career options. The various careers in the industry that directly align with CTAE pathways include: marketing, nursing, business and administration, finance and programming.

SRMC Marketing Director, Blake Keller emphasized the hospital operates much like a "small city" and offers a wide variety of professional advancement. The afternoon included a tour of the medical scanning and surgery departments. Human Resources offered valuable information on the application and hiring process, and employer expectations.

Career Technology Student Organization

**Featured CTSO:**  
DECA



DECA prepares emerging leaders and entrepreneurs for careers in marketing finance, hospitality and management in high schools and colleges around the globe. The organization sponsors school based enterprises (SBE's) which provides practical learning experiences of purchasing and selling of goods and services. These experiences provide a glimpse of daily operations of a business. Clayton County's CTAE Program has five SBE's.

## Students arrive in helicopters at the Performing Arts Center as part of the Launching Ceremony of The Flying Classroom STEM Based Curriculum

Nearly 1800 students, staff, and partners gathered on December 5<sup>th</sup> and 7<sup>th</sup> to view Superintendent Luvenia Jackson, Captain Barrington Irving, staff members and students from North Clayton High School (NCHS), North Clayton Middle School (NCMS), Riverdale Middle School (RMS), and Sequoyah Middle School (SMS) arrival by helicopter for a special Science, Technology, Engineering and Math (STEM) presentation as the district implements *The Flying Classroom* STEM Curriculum. "Students are confronted with personal, academic, and technical challenges every day and with a purposeful STEM curriculum, we are better equipped to develop their mental tenacity to present solutions to real world problems that exist today, tomorrow and beyond. This encourages life-long learning," said Dr. Eboni Chillis, Clayton County Public Schools' Coordinator of Career, Technical and Agricultural Education. "We are thrilled to have a STEM curriculum of this magnitude for our students in Clayton County led by someone as accomplished as Captain Irving and we look forward to a successful partnership with him as a valued STEM Partner in Education," said Superintendent Luvenia W. Jackson.

Created by Captain Barrington Irving, the curriculum is described as a "global journey", *The Flying Classroom* features STEM+ Expeditions in near real time, incorporating literacy, math, science, technology and critical thinking that are aligned to National Academic/Technical Standards.

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*Raised in inner city Miami, Florida, Captain Irving is the first black pilot to fly solo around the world and holds the Guinness World Record as the youngest person to fly solo around the world at the age of 23. Prior to founding the Flying Classroom in 2014, Irving created Experience Aviation, a nonprofit that offers hands-on STEM based programs and career guidance to elementary, middle and high school students in Florida, Texas and Georgia.*



Nearly 1800 Elementary and Middle School students gathered to watch Captain Irving and students land by helicopter.



(L to R) Selena Sloan/NCHS, Madison Frazier/RMS, Superintendent Luvenia Jackson, Melody Vazquez/SMS, Helicopter Pilot and Captain Barrington Irving. Students not pictured: Destiny Dollar/RMS, Ishaa Hope/NCMS and Olajumoke Williams/SMS.



Superintendent Luvenia Jackson welcoming guests to the *The Flying Classroom* Presentation.



Captain Barrington Irving, Guinness Book of World Records, 2012.



Selena Sloan, NCHS, sharing her experience flying in the helicopter with Captain Irving.

# CTAE SPOTLIGHT



## CTAE Career Clusters

*CCPS offers different pathway courses within each Career Cluster*

1. Agriculture, Food, & Natural Resources
2. Architecture & Construction
3. Arts, A/V Technology, & Communications
4. Business Management & Administration
5. Education & Training
6. Energy
7. Finance
8. Government & Public Administration
9. Health Science
10. Hospitality & Tourism
11. Human Services
12. Information Technology
13. Law, Public Safety, Corrections, & Security
14. Manufacturing
15. Marketing
16. Science, Technology, Engineering, Mathematics (STEM)
17. Transportation, Distribution, & Logistics



North Clayton Middle School Scholars preparing to race their dragsters.

- ✓ CTAE's Engineering & Technology class and instructor Dr. Leavernard Jones Jr. from North Clayton Middle School are "dragsters". The scholars started off the school year ready and eager to learn, and to show off their technological skills. Using the Georgia Standards provided the 6<sup>th</sup> grade scholars with an introduction to the principles of Engineering & Technology and its place in the modern world. Exploring Engineering and Technology introduces students to the engineering design process while examining the technological impacts on society. The students built and tested their dragsters for competitive races.

## Did You Know?

✓ *Achievements, Accomplishments and Highlights*

- ✓ The Air Force JROTC mission statement is to "Develop Citizens of Character Dedicated to Serving Their Nation and Community". On September 2, 2016 the Jonesboro High School football team and sixty cadets from the Air Force JROTC Unit Ga-041 collaborated in support for an Armed Forces Appreciation Night. Moreover, two former Jonesboro student cadets who now have active duty in the Air Force traveled from San Antonio, Texas to participate in the event. Thank you to the Jonesboro administration, Coach Floyd, and Lt. Col. Richardson for the remembrance shown to those who proudly serve our Nation!



Air Force JROTC Armed Forces Appreciation Night Cadet Nguyen, Ashley, Jonesboro High School Air Force JROTC.

- ✓ Mount Zion High School's CTAE Department accompanied 50 students on a College Campus Tour to the Atlanta University Center which is made up of Morehouse College, Spelman College, and Clark Atlanta University. It was an awesome experience for the students to tour the campuses, speak with current students of the institutions to learn about their college experiences, and to ask questions to the faculty and staff. The students also had the opportunity to have lunch in Morehouse College's Dining Hall. CTAE Instructors Vincent Williams, Adrian Gibson, Sgt. Carina Davis, and Corey Russ chaperoned the tour.



Mount Zion High School students pose in front Dr. Martin Luther King Jr. International Chapel on Morehouse College Campus.

- ✓ In the spirit of Christmas giving, Dr. Willis Jones and Mrs. Gail Coleman from The Perry Learning Center created a donation campaign to purchase a new mobilized wheelchair for Diamond Price. The new chair will increase Diamond's mobility and help her get around better at Perry. The campaign raised \$1000! The gift was presented to Diamond on December 12 at the graduation ceremony held at The Performing Arts Center.

### CTAE Department:

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