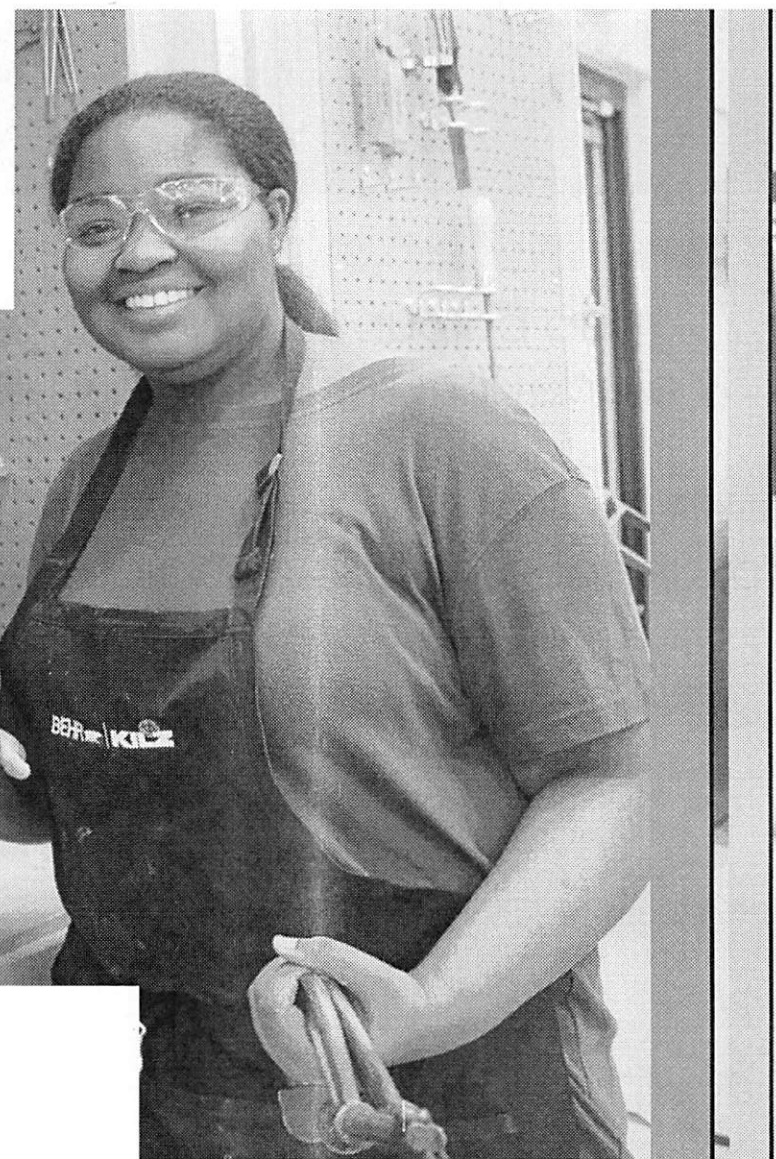
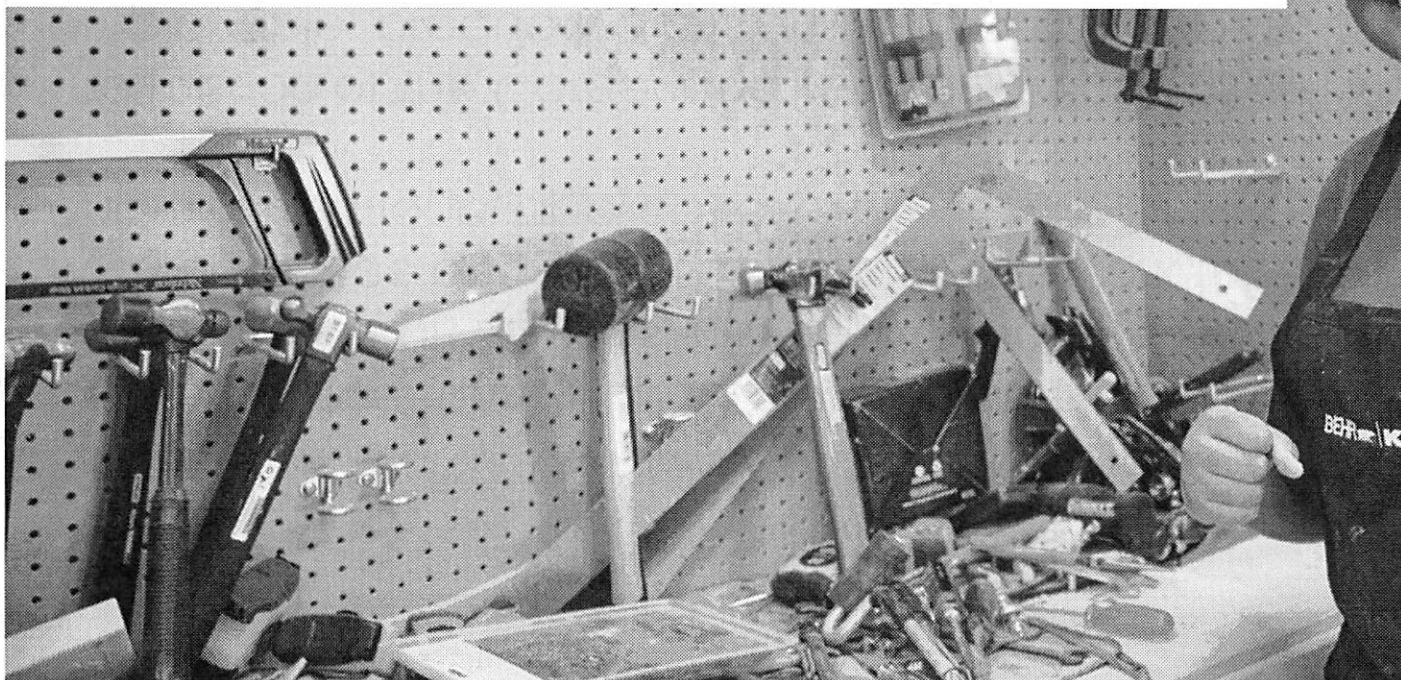


WORKFORCE DEVELOPMENT

Ryan Rewey , Director of Career and Technical Education



CTE



Career and Technical Education provides students with opportunities to explore career options in settings that anticipate and address every student's needs: from guidance and counseling to coursework that incorporates both academic and occupational applications.

The mission of the Career and Technical Education Department is to prepare employable, productive citizens who can adapt to a rapidly changing and highly technological global community.

Our Mission

Changing the Message

[Duval Schools CTE Website](#)

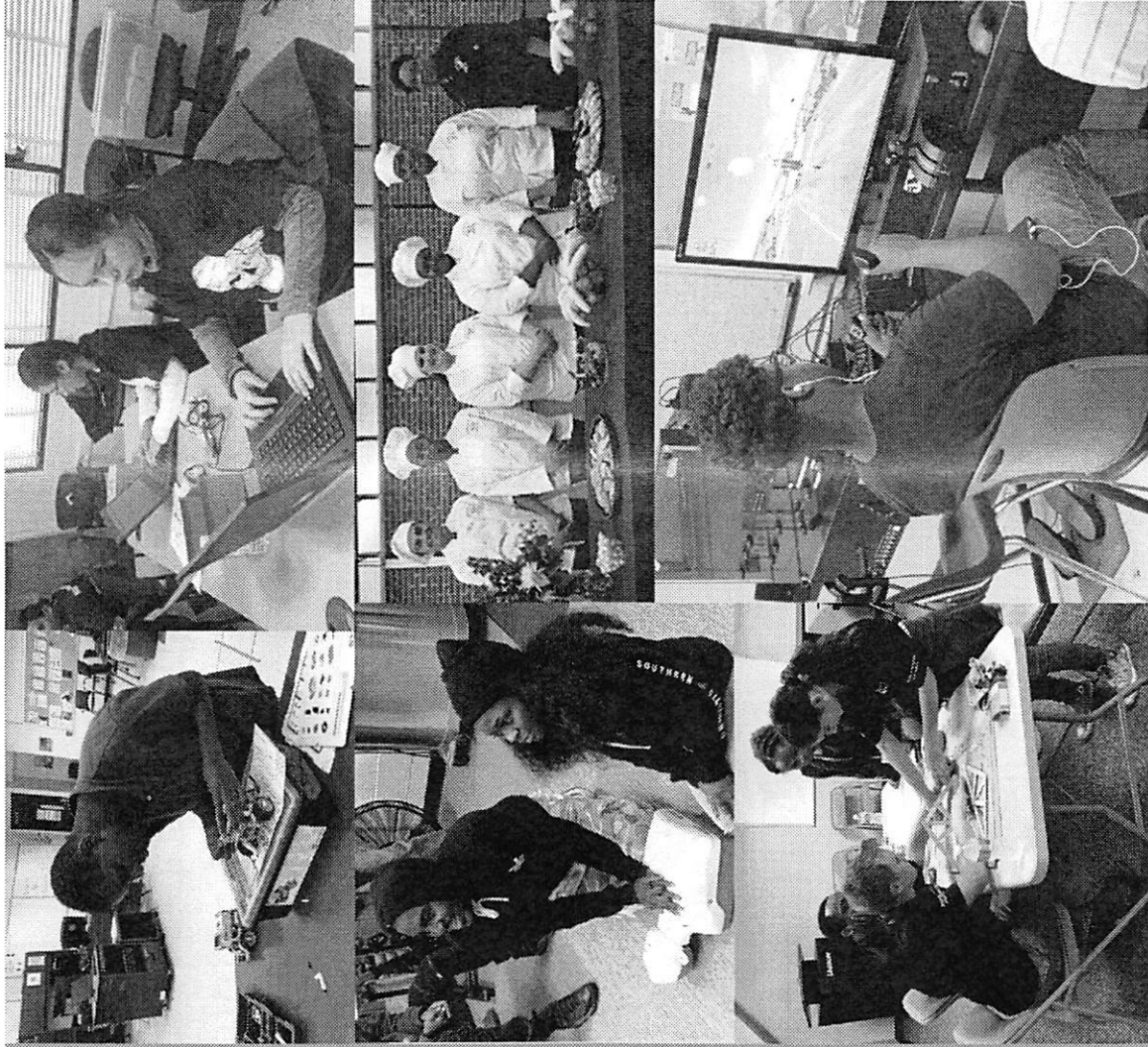
[Duval News Room](#)

- Duval County Public Schools has over 20000 students enrolled in Career and Technical Education courses.
- We offer 204 programs with 43 different industry certifications.

Career Clusters Offered

- Architecture & Construction
- Law, Public Safety & Security
- Energy
- Information Technology
- Transportation, Distribution, & Logistics
- Manufacturing Agriculture
- Food, & Natural Resources
- Aerospace Technologies
- Information Technology
- Arts, A/V Technology & Communication
- Engineering & Technology Education
- Business Management & Administration
- Finance
- Hospitality & Tourism Health Science
- Game/Simulation/Animation Programming

FLDOE CTE Frameworks



Applied Technology Courses

- Carpentry
- Electrical
- Fire/Rescue
- Cosmetology
- HVAC Academy
- Plumbing Academy
- Welding Academy
- Health Sciences and Vet Assisting
- Early Childhood Education
- Animal Biotechnology
- Adv. Manufacturing and Production
- Aviation
- Automotive Automotive
- Finance
- AV & TV Production



Computer Science & IT Courses

- Gaming and Simulation
- Cyber Security
- Web Development
- A+ Certification
- Networking
- JAVA Fundamentals
- Computer Science
- Digital Information



Career & Technical Education Programs

2018 - 2019

CTE



Information Technology

Atlantic Coast; A Philip Randolph; Jackson; Baldwin; First Coast; Raines

Prepare for careers in the fields of computer operations and programming, web development, and cybersecurity.



Media, Communication Arts & Animation

Atlantic Coast; Randolph; Jackson; Baldwin; First Coast; Fletcher; Lee; Parker; Raines; Sandalwood; Paxon; Westside

Apply artistic talent to real-world experience by exploring the world of digital art and learning skills in media production.



Law & Public Safety

A Philip Randolph

Explore careers in law enforcement, security, corrections, and firefighting.



Engineering

Robert E Lee

Become skilled in electronics, aerospace, architectural and engineering drawing, and design.



Cosmetology

A Philip Randolph; Frank H Peterson

Give your career pathway a make over by exploring hairstyling, manicuring, shampooing, and skills related to beauty treatment.



Transportation

Frank H Peterson; Ed White; Ribault

Receive necessary preparation and advanced skills to become an expert in the field of aviation and automotive transportation.



Health Science

Jackson; Mandarin; A Philip Randolph

Investigate medical terminology and the body systems and learn about illness prevention and treatment.



Entrepreneurship

Englewood; First Coast; Wolfson; Mandarin

Students are immersed in the real world of start-up companies. Learn to plan, organize, and evaluate business functions essential to productive business operations.



Business & Finance

Mandarin; Wolfson; Ribault

Learn the fundamentals in accounting, business management, communication, economics, entrepreneurship, information technology, marketing and personal finance.



Construction

Englewood; A Philip Randolph; Sandalwood

Master the skills necessary to pursue a career in building construction, carpentry, plumbing, HVAC, and welding.



Agriscience, Food & Natural Resources

Terry Parker; Frank H Peterson

Acquire a broad understanding of agricultural technology, natural resources, animal sciences, and plant sciences.



Computer Science

Atlantic Coast; A Philip Randolph; Andrew Jackson; Baldwin; Fletcher; Mandarin; First Coast; Raines; Ribault; Parker; Paxon; Sandalwood; Wolfson

Prepare for careers in the fields of computer operations and programming, web development, and cybersecurity.



Culinary Science

First Coast; Mandarin; Terry Parker; Peterson; Raines; Westside

Gain a foundation of culinary techniques, working experience in a kitchen setting, and hone the skills necessary for culinary careers.



Early Childhood

Frank H Peterson

Students will receive training in the education and care of pre-school and primary-aged child. Comprehensive instruction in child growth and development with an emphasis on child and caregiver is included.

Participation in CTE programs increases wage, probability and consistency of employment, and leads to higher quality

Benefits of Business Partnerships



- A partnership can be defined as a mutually supportive relationship between a business and a school in which the partners commit themselves to specific goals and activities intended to benefit students and schools.
- Research finds that continued program innovation, greater investments in resources, and stronger collaborations with business and industry are necessary to build on the success of career & technical education.
- Partnerships with businesses provide students with authentic work opportunities, including internships during high school and full-time jobs after graduation.
- Many of our partnerships with local businesses provide equipment, supplies and machinery to programs for the students to use and learn so that they gain real-world experience in business and industry.
- Student benefits from business partnerships by making better career decisions and increasing opportunity to fulfill career aspirations. Businesses benefit by increase community good will and customer connections and building workforce pipeline and business relationships with education community.











Examples of Successful Existing Partnerships

Local businesses are continuing to invest in Duval County Public School students.

As the new year begins, we continue partnering with VyStar Credit Union, Deutsche Bank, JEA, and Interline Brands, Inc.



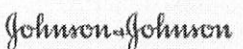


Through these partnerships, our students receive mentoring and participate in job shadowing, tailored industry training, paid summer internships, and receive priority interviewing after graduation.

DCPS Business Partners		
School	Academic Program	Business Partner
Andrew Jackson High School	Early College	Florida Blue 
Asa Phillip Randolph Career Academies	Construction Academy	
Englewood High School	Early College: Advanced Manufacturing & Engineering Career Academy	 VISION CARE, INC.
Sandalwood High School	Early College	 
Ribault High School Mandarin High School Fletcher High School Wolfson High School First Coast High School	Business & Finance VyStar Academy	

Workforce Development Support






CTE

Local businesses are continuing to invest in Duval County Public School students. This year we've launched a partnership with Deutsche Bank, JEA, and Interline Brands, Inc. Through these partnerships, our students receive mentoring and participate in job shadowing, tailored industry training, paid summer internships, and receive priority interviewing after graduation.

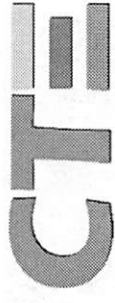
DCPS Business Partners		
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Asa Phillip Randolph Career Academies	Construction Academy	 INTERLINE
Englewood High School	Early College: Advanced Manufacturing & Engineering Career Academy	 VISION CARE, INC.
Sandalwood High School	Early College	 



The High School Credit Union Branch Program allows student managers to experience the inner workings of key financial services.

VyStar Academies	
Mandarin High School Entrepreneurship	
Jean Ribault High School Finance	
First Coast High School Entrepreneurship	
Samuel W. Wolfson Entrepreneurship	
Duncan U. Fletcher Finance	

Building a Partnership

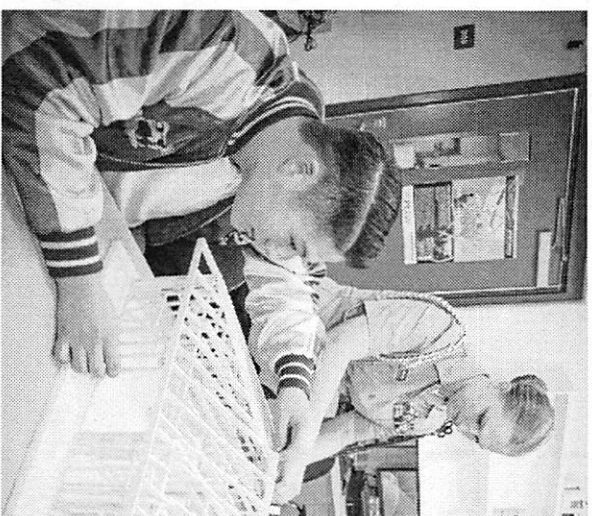
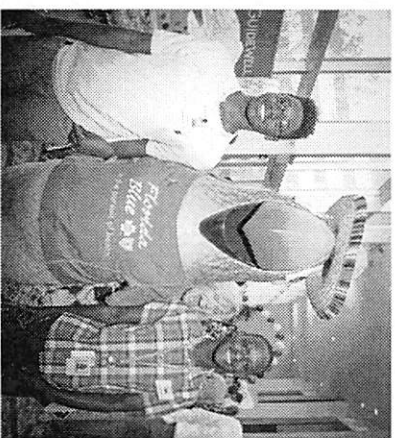
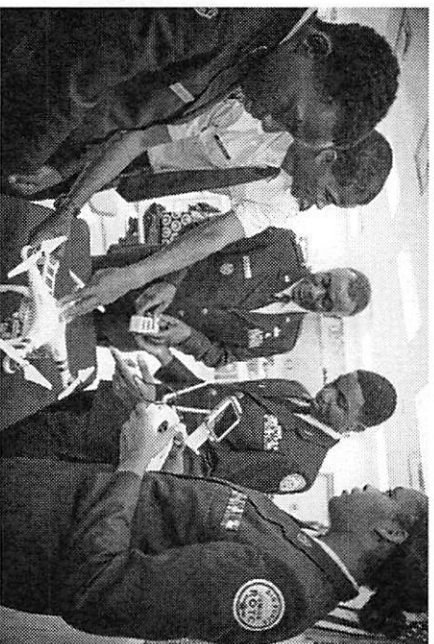


School-business partnerships have been shown to benefit both students and businesses:

- Mentoring gives students hands-on experience in a real-world work environment.
- Providing internships to high school students can create a valuable supply of future workers.
- Reinforcing skills helps prepare students for careers in fields, such as logistics, marketing, transportation, and information technology.
- Being available as classroom guest as well as providing students a school field excursion opportunity.



Career & Technical Education is proud to showcase some of its most innovative programs and initiatives with you!



Career and Technical Student Organizations

CTE

- Business Professional of America
- DECA
- FCCLA
- FFA
- HOSA
- Skills USA



Academies

NCAC, CAPE & NAF Academies



Frank H. Peterson

Health Sciences and Vet Assisting (NCAC, CAPE)
Early Childhood Education (NCAC, CAPE)
Animal Biotechnology (NCAC, CAPE)
Advanced Manufacturing Automation and
Production Technology (NCAC, CAPE)
Aviation Career Academy (NCAC, CAPE)
Information Technology Academy (NCAC, CAPE)
Automotive Automotive Academy (NCAC, CAPE)
Cosmetology Academy (NCAC, CAPE)

Mandarin High School

Center for Medical Studies (NAF, CAPE)

Jean Ribault

Vystar Academy of Finance (NAF, CAPE)

Robert E. Lee High School

Engineering Academy (CAPE)

Terry Parker High School

Culinary Arts Academy (CAPE)



**National Career
Academy Coalition**
COLLEGE CAREER LIFE





Academies

Preparing Students for the Future

A. Philip Randolph

Carpentry Academy (NCAC, CAPE)
Criminal Justice Academy (NCAC, CAPE)
Electrical Academy (NCAC, CAPE)
Fire/Rescue Academy (NCAC, CAPE)
Health Sciences Academy (NCAC, CAPE)
Cosmetology Academy (NCAC, CAPE)
HVAC Academy (NCAC, CAPE)
Information Technology Academy (NCAC, CAPE)
Plumbing Academy (NCAC, CAPE)
Welding Academy (NCAC, CAPE)

First Coast High School

VyStar Academy of Finance (NAF, CAPE)

Fletcher Duncan High School

VyStar Academy of Finance (CAPE)

Mandarin High School

VyStar Academy of Finance (CAPE)

Andrew Jackson High School

Cyber-Coding Academy (NAF, CAPE)

Andrew Jackson High School

Sports Medicine Academy (CAPE)

Northwestern Middle

Coding Academy (CAPE)

Advisory Committees

CTE

- Architecture & Construction
- Law, Public Safety & Security
- Energy
- Information Technology
- Transportation, Distribution, & Logistics
- Manufacturing
- Food, & Natural Resources
- Aerospace Technologies
- Information Technology
- Arts, A/V Technology & Communication
- Engineering & Technology Education
- Business Management & Administration
- Finance
- Hospitality & Tourism Health Science
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CTE Achievements

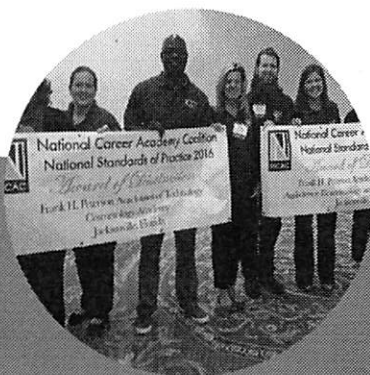
2018 – 2019 School Year

CTE



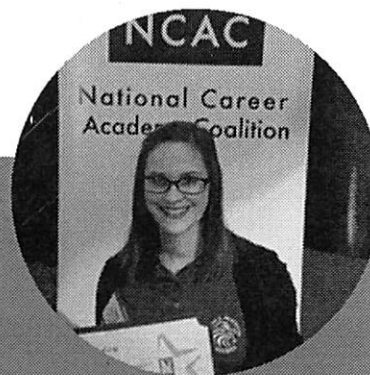
Biomedical Program

Mandarin High School
Students Win Medals at the
FCCLA Competition



NCAC Academies

Frank H. Peterson win Model
Academy Awards



Highly Effective Teachers

Holy Hultgen received the
Exemplary teacher
award at the NCAC
conference



Culinary Program

Received awards in culinary
challenges

CTE

Contact

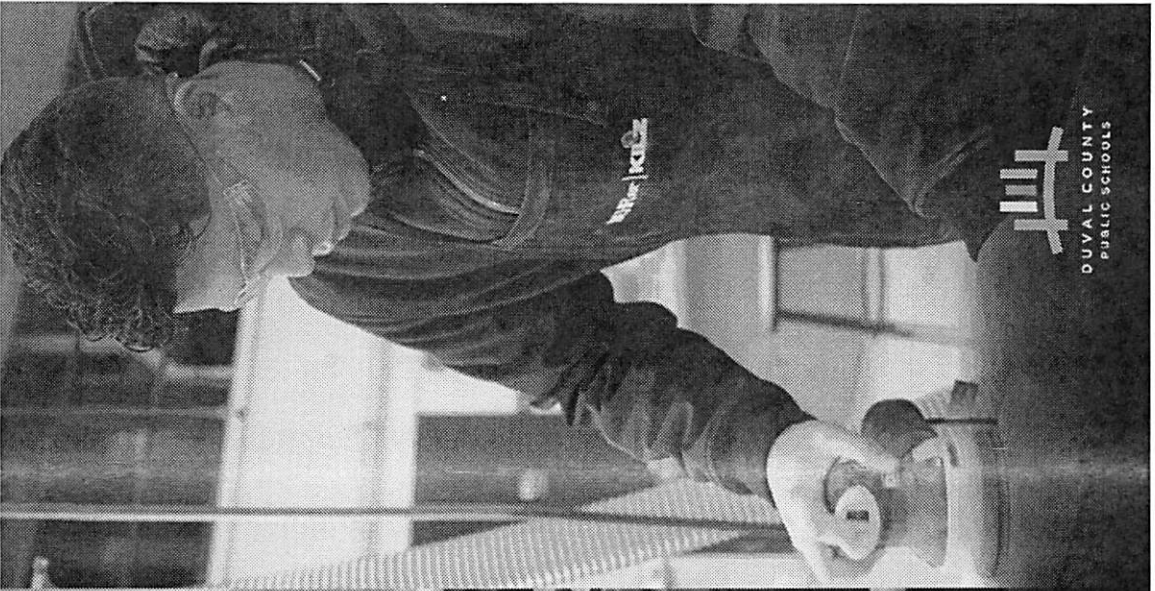
Ryan Rewey

reweyr@duvalschools.org
904-390-2662



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PUBLIC SCHOOLS



 CTE