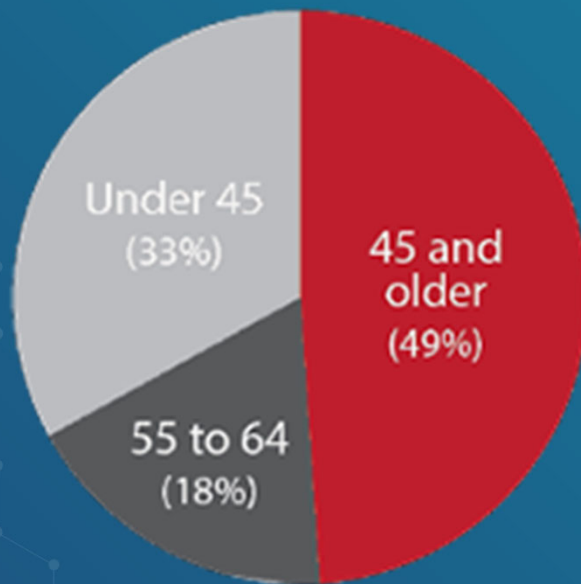


# Gaston County Schools Career Technical Education



Right now, America's workforce is facing a challenge. The majority of our current skilled professionals are at or near retirement age.



Skilled Trade Workers Are Aging Fast  
The Gap Is Widening

**Source:**

National Association of  
Manufacturers

# 5th Grade Career Awareness



Beam Intermediate School



Sherwood Elementary School



# Middle School

- Teacher instructional support
- Career awareness activities and interest inventories
- Facilitate high school pathway planning



## BUSINESS, FINANCE, AND MARKETING

Courses in this program area are designed to explore the nature of business in an international economy.

Available at: **Grier, Mt. Holly, WC Friday, York Chester**



## EXPLORING HEALTHCARE

Students will explore key concepts and foundational knowledge for in demand, allied health professions to spark interest in the Health Science Education pathway.

Available at: **Belmont, Cramerton, Grier, Mt. Holly, Stanley**



## EXPLORING CONSTRUCTION TRADES

In this pathway, students will explore key terminology, careers, and safety associated with working in the Construction Industry.

Available at: **Belmont, Bessemer City, John Chavis, Cramerton, Grier, Mount Holly, W.C. Friday**



## FAMILY AND CONSUMER SCIENCE

Courses in this program area allow students to explore life skills essential for their roles as managers, consumers, workers, and family members both now and in the future.

Available at: **Southwest**





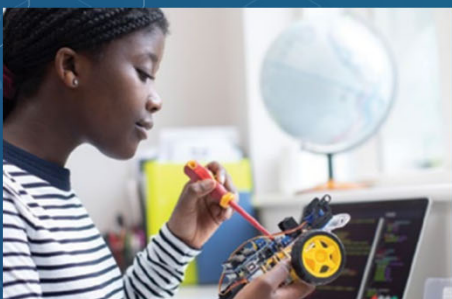
## COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

This program area consists of courses that provide hands-on instruction in basic keyboarding skills, computer concepts, software applications, and basic programming.

## EXPLORING CAREERS AND EMPLOYMENT

This middle school course provides an orientation to the world-of-work. Emphasis is placed on self-awareness, understanding the world-of-work, and the career planning process.

***Available at all middle schools***



## STEM

Courses in this pathway focus on core concepts of technology and various approaches to problem solving, including engineering design and experimentation to engage students in brainstorming, visualizing, modeling, and testing their own designs.

***Available at all middle schools***





# CTE Career Clusters





# High School

- Teacher instructional support
- Credentials
- Career planning, internships, job shadowing





## COMPUTER SCIENCE AND I.T. EDUCATION

Computer Science and Information Technology Education includes programming and coding, designing complex systems, and exploring high-level mathematical theories that relate to technology development. Credentials in this area could include Adobe Photoshop, InDesign, Illustrator, Dreamweaver, Premiere Pro, PCAP Python Certified Associate, and CompTIA Security+, CompTIA Fundamentals+, CCST (Cisco certified support technician).

## BUSINESS, FINANCE, AND MARKETING EDUCATION

Business, Finance, and Marketing Education are designed to prepare students to be viable competitors in the global marketplace and for advanced educational opportunities. Credentials in this area could include PMI Project Management Ready Certification, Entrepreneurship, and Small Business.



## FAMILY AND CONSUMER SCIENCES EDUCATION

FCS Education empowers students across the life span to manage the challenges of living and working in a diverse society. Credentials in this area could include (ANSI-Accredited) Food Handler/Protection Manager Certification, CPR, First Aid, and NC Early Childhood Credential Equivalency (NCECC).



## TRADE, TECHNOLOGY, ENGINEERING, AND INDUSTRIAL EDUCATION

Trade, Technology, Engineering, and Industrial Education is designed to prepare students for careers in a variety of industries through a combination of learning and hands-on experiences. Credentials in this area could include MSSC: Certified Production Technician - Safety, Quality, Process, Maintenance, OSHA 10-Hour General Industry Certification, NCOSFM Credential - Firefighter I, II, and III, NC NCCER, ASE Entry-Level Certification, AWS SENSE and AutoCAD and Revit.

## HEALTH SCIENCE EDUCATION

Health Science Education plays a pivotal role in meeting present and predicted needs in health care professionals within a health care delivery system characterized by diversity and changing technologies. Credentials in this area could include Stop the Bleed, First Aid, CPR, OSHA 10-Hour General Industry (Healthcare) Certification, and North Carolina Nurse Aide I.







## Hunter Huss High School Cosmetology Program





# Gaston County Schools Career Exploration Center

# Forest Heights Campus



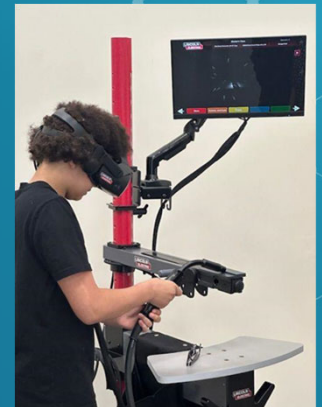


# What do we offer?

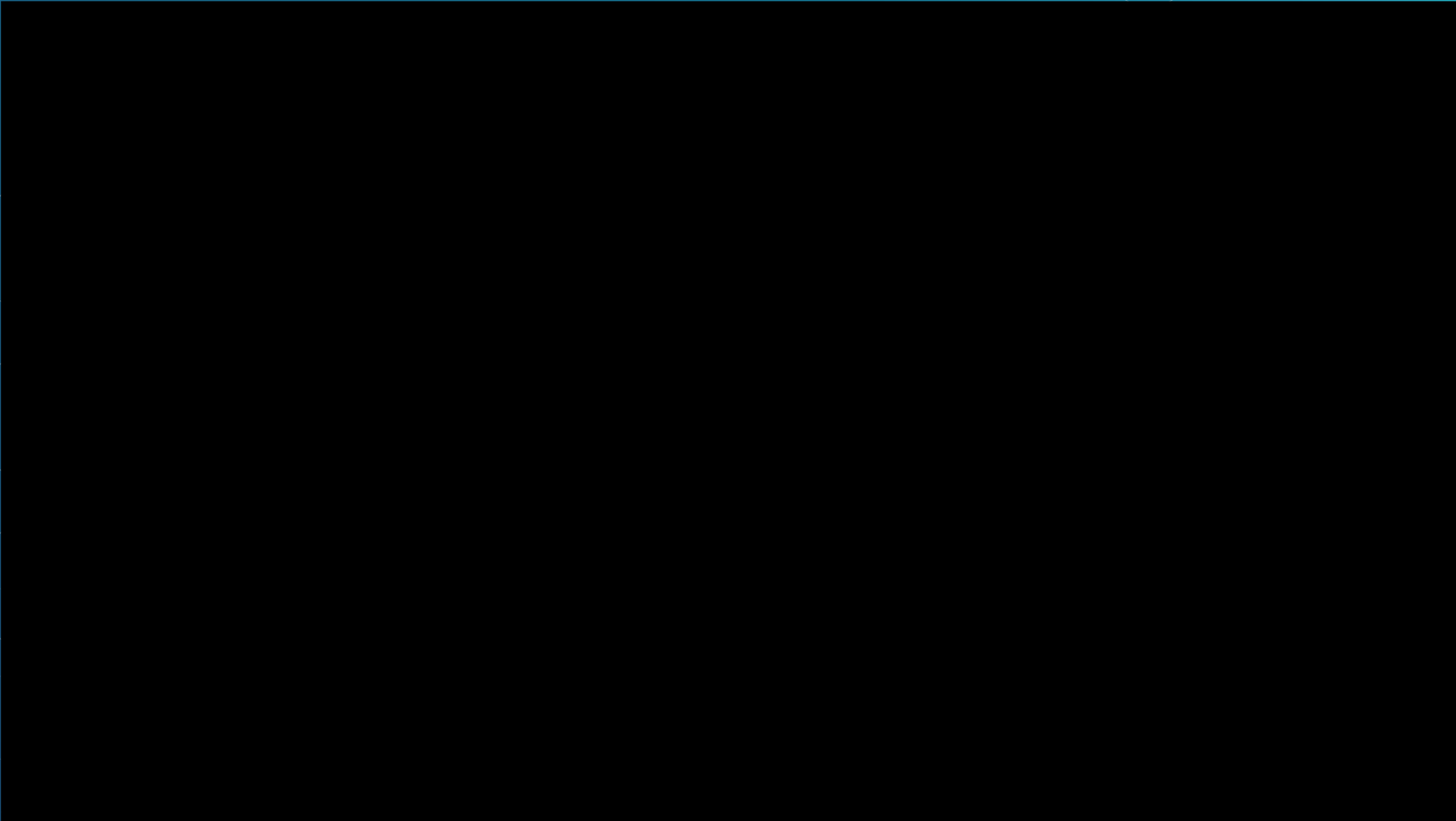


# Career Exploration Areas

- VR headsets = aviation, automotive, construction, diesel, electrical, healthcare, hospitality & tourism, manufacturing, lineman, plumbing, HVAC
- Heavy equipment simulators = dump truck, backhoe, excavator, wheel loader
- Paint, powder coating and media blaster simulator
- Welding simulator
- Reach lift simulator
- Ambulance simulator
- Anatomage table





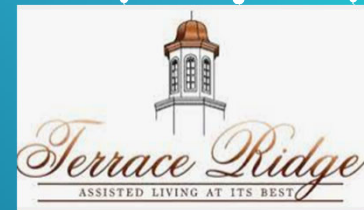


The Career Exploration Center can expose and better prepare Gaston County's students for future workforce opportunities, improve partnerships between schools and local businesses, and ensure that students gain practical, job-ready skills.

# Internships



Our Kids Learning Center, Inc.





# Pathway to Employment







Thank You