BARREN COUNTY INNOVATIONS:

#BeComeLifeReady

Bo Matthews, Superintendent
Scott Harper & CheyAnne Fant, Directors
Brad Johnson, Principal
Amy Irwin, Asst. Principal & District Career Coordinator

WE BC ARE

Creating a pipeline

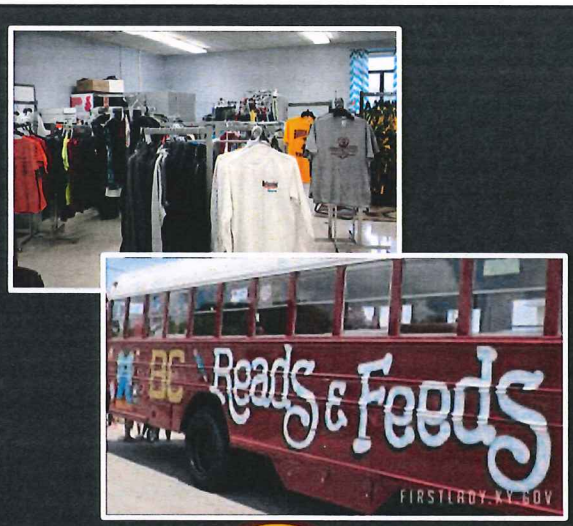
Preschool to Post-secondary Pathways:

- PLTW Launch & STEAM Labs (7 Elementary Schools)
- PLTW Gateway & Renaissance Programs (BCMS)
- PLTW Computer Science, BioMed, & Engineering and over 34 career pathways

Wrap Around Services: Ready to Learn

- Trojans Look Out for Trojans
- Quick Stop Free Store
- Mental Health Counselor
- CEP District & Summer Feeding

#BCReadsandFeeds

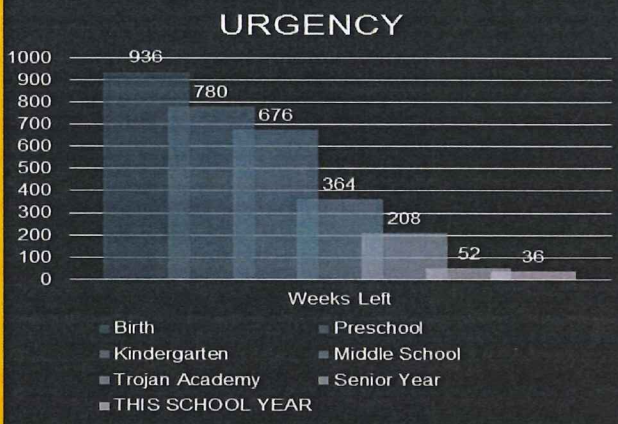


Birth to Age 18

936 Weeks

By kindergarten, we have 676 weeks (including breaks) left to make an impact...

170 days this year



#1 Feeder school to WKU

14 AP Classes with AP Capstone

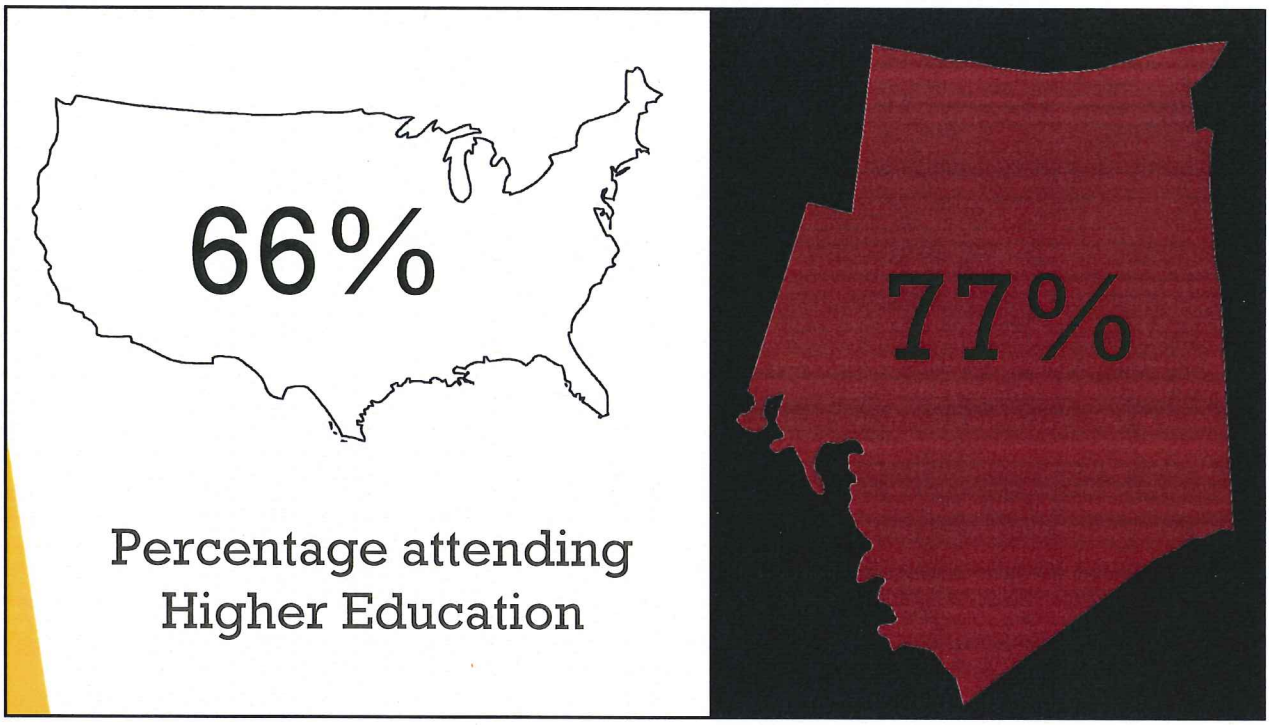
55% Seniors graduated with dual credit

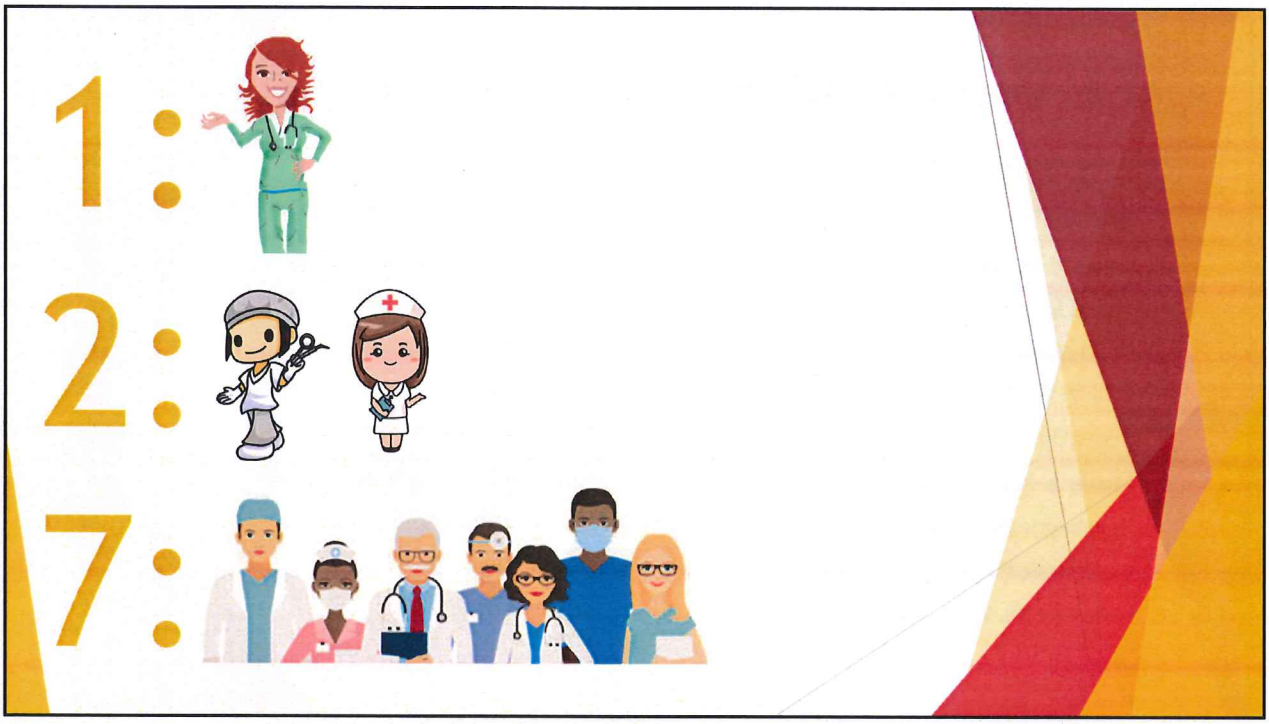
1/3 Seniors graduated with 9+ hours

1 in 5 Seniors earned college credit for AP exams

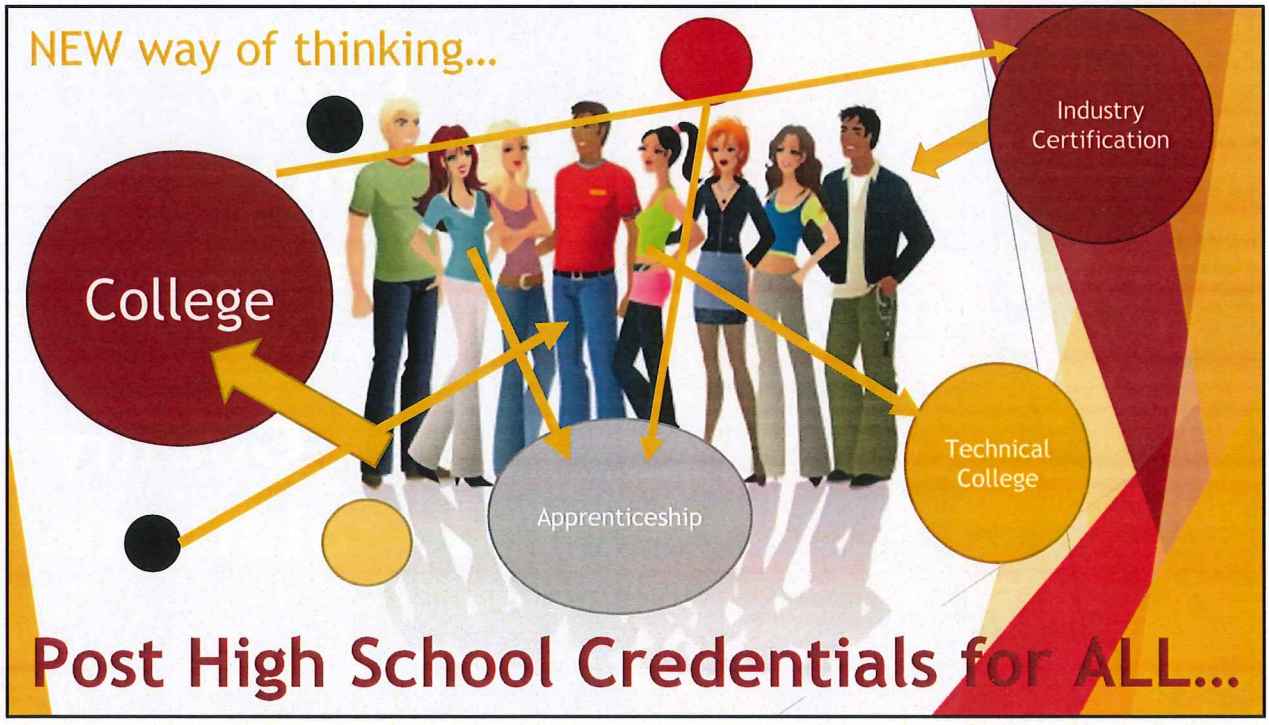
Are we connecting the dots?

College Majors	Career Forecast
1. Business	1. Business
2. General Studies	2. Engineering and Technology
3. Social Science & History	3. Computer & Information Science
4. Psychology	4. Health Professionals
5. Health Professionals	5. Education
6. Education	6. Social Science & History
7. Visual & Performing Arts	7. Communications & Journalism
8. Engineering and Technology	8. Visual & Performing Arts
9. Communications & Journalism	9. Psychology
10. Computer & Information Science	10. General Studies


66%
77%
Percentage attending
Higher Education

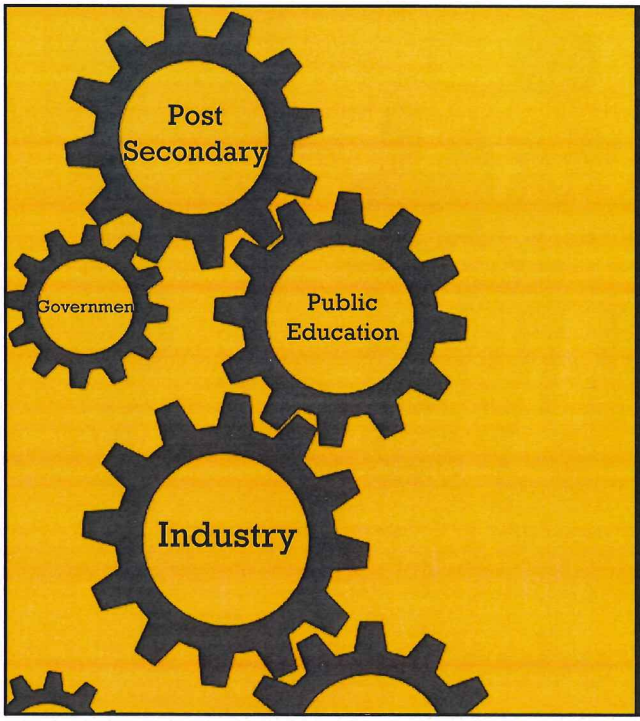

1:
2:
7:

Old way of thinking...
College
College for ALL...


NEW way of thinking...
College
Industry Certification
Technical College
Apprenticeship
Post High School Credentials for ALL...

The Journey...

BARREN COUNTY SCHOOLS drove the bus!

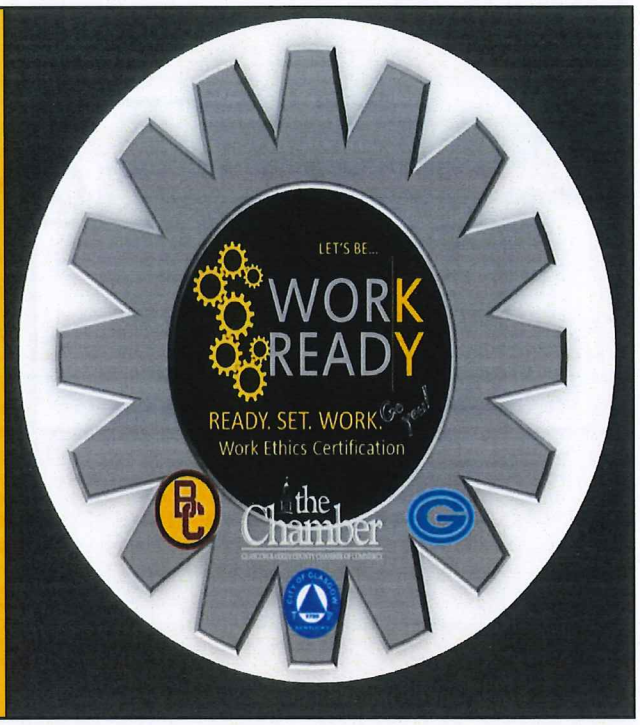


Every community has needs;

Barren County finds solutions.

VISION TEAMS

All sectors identified a missing cog…



Building TROJANS…

- Mentoring Program based on our new Mission, Vision, Core Values, and Profile of a Trojan

Mission, Vision and Core Values

Mission

"Where opportunity creates success"

Vision

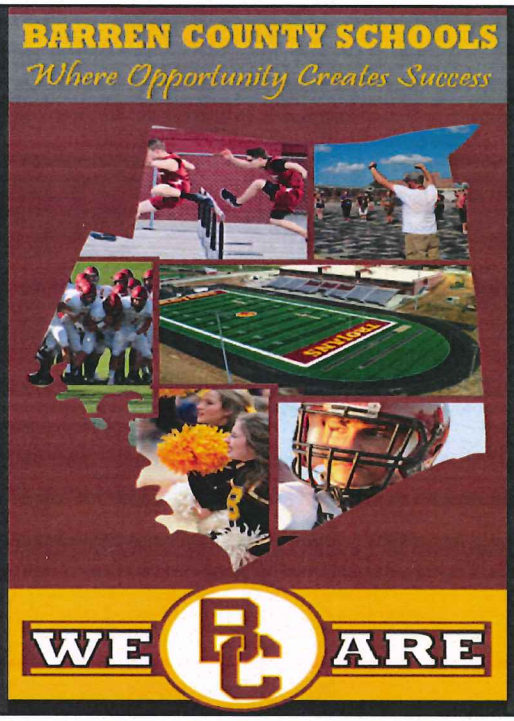
BeCome Life Ready

Core Values

We are BeCause We believe in...

- Serving others through teamwork and collaboration
- Providing learning experiences that promote content mastery and critical thinking
- Demonstrating creativity and inventiveness in our work
- Taking ownership to find your path to success
- Being accountable to produce high-quality results
- Communicating in a peaceful and productive manner

OPPORTUNITY for 1 project to meet multiple needs



BeCome life ready at Barren County ATC

Business - Health Sciences - HVAC - Welding - Electricity - Machine Tool - Auto Mechanics - Carpentry

Coming soon - Diesel Mechanics

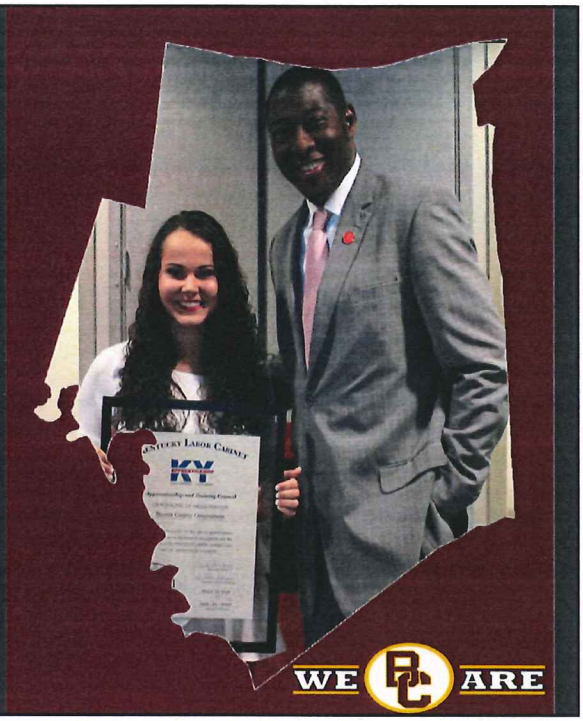
BeCome life ready at Barren County Schools

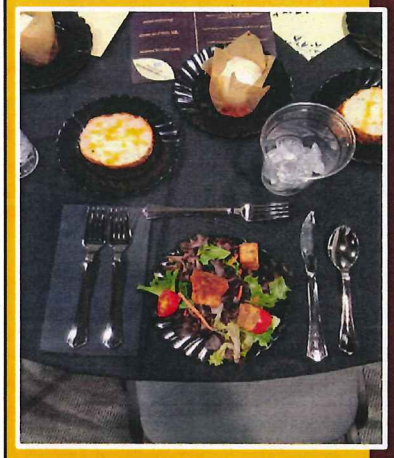
Culinary Arts **Computer Science & IT** **Biomedical & Sciences** **Engineering & Design** **Health**

Apprenticeships

- SpanTech
- County Government
- Barren County Schools
- JNM Manufacturing

Numerous cooperative learning experiences and internships





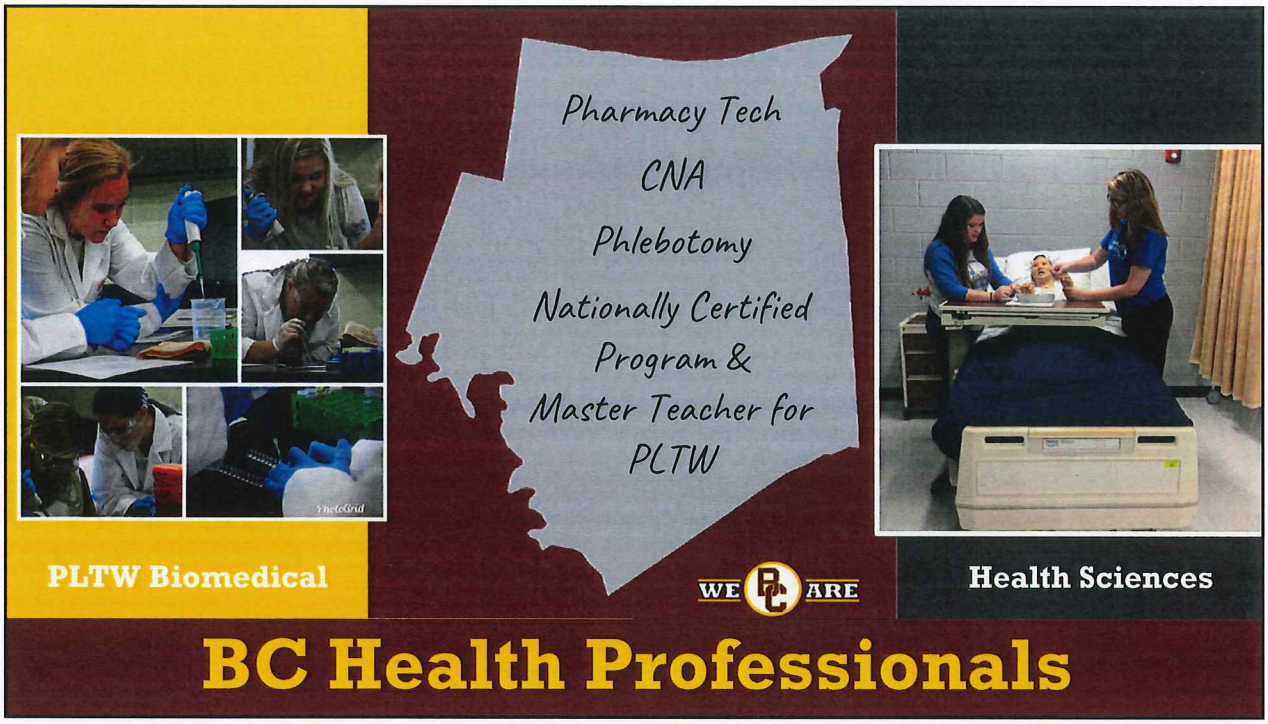
Culinary Arts

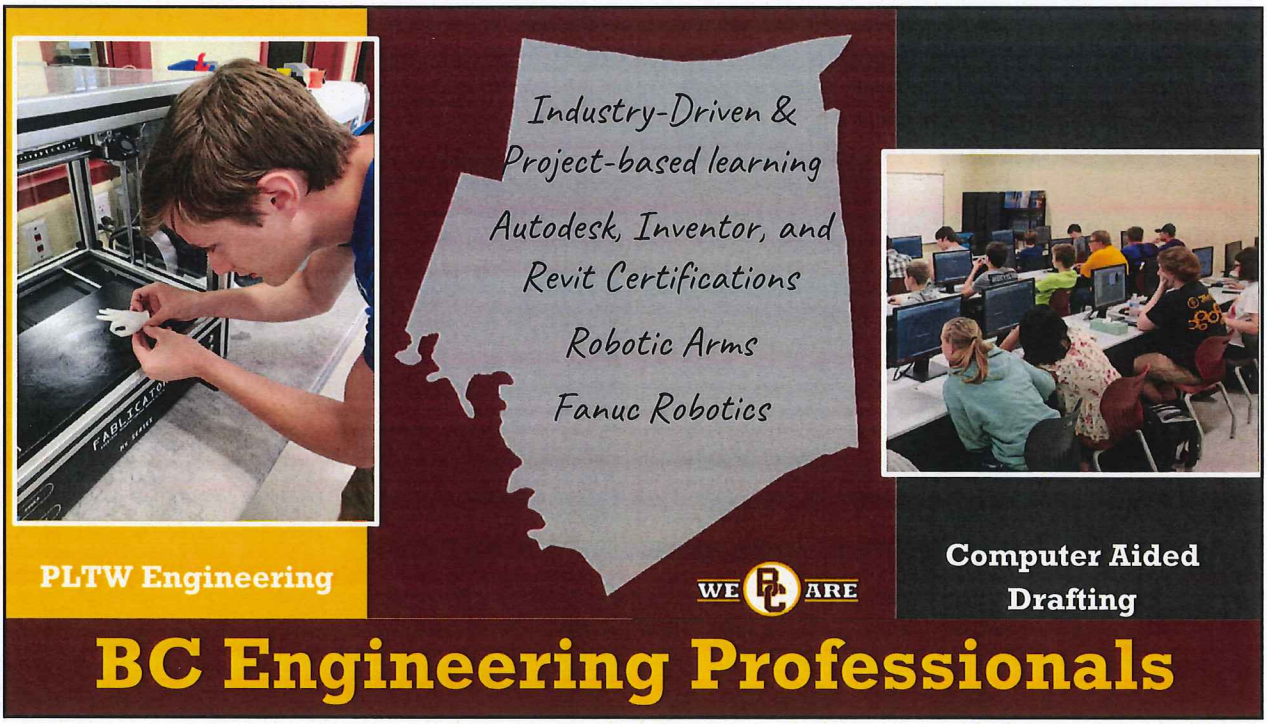
Apprenticeship
Dual Credit
Cooperative Work
Catering
National ServSafe Certification

WE BC ARE

Nutrition Services

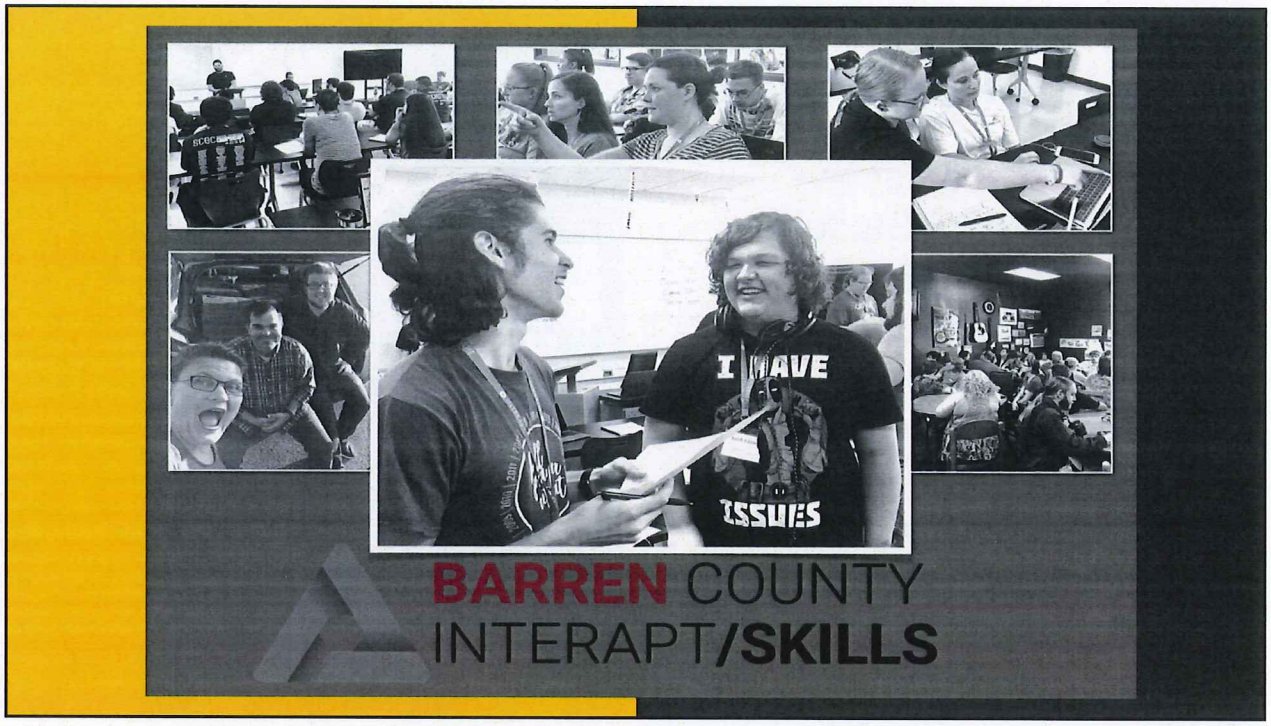
BC Culinary Professionals


Pharmacy Tech
CNA
Phlebotomy
Nationally Certified Program &
Master Teacher for PLTW
PLTW Biomedical
WE BC ARE
Health Sciences
BC Health Professionals


Industry-Driven &
Project-based learning
Autodesk, Inventor, and
Revit Certifications
Robotic Arms
Fanuc Robotics
PLTW Engineering
WE BC ARE
Computer Aided Drafting
BC Engineering Professionals

Computer Science
20 years as model for Student Tech Help Desk
Contracted labor for new building
Preschool to Postsecondary CS
2 AP Computer Science Classes
BC Interapt/Skills
WE BC ARE
District Help Desk
BC Technology Professionals

We were invited
Paintsville, KY
Dept. of Labor Apprenticeship Summitt
Apple - Only district worldwide
Commissioner's Computer Science
Interapt Pre-Apprenticeship
Amazon Pilot School
BC Interapt/Skills
HOW INTERAPT TURNS THE TRADITIONAL CODING LEARNING MODEL UPSIDE DOWN



What is BCIS?

"Educate and Deploy" Model

1. **Educate:** Narrow the technology skills gap in Barren and surrounding counties

2. **Deploy:** Provide opportunities for deployment to the tech workforce and/or higher education.

Who is in the ROOM?

- **36** Participants
- **23** Adults/**13** Students
- Age Range: **16-36**

Diverse Backgrounds:

- Juniors/Seniors
- Associate's **Degrees**
- Bachelor's **Degrees**
- High School **Diplomas**
- High School **Equivalencies**
- 4 **Counties**

Who is in the ROOM?

Diverse Backgrounds:

- Unemployed
- Displaced Worker
- Retail
- Communications
- Teaching Assistant
- Stay-At-Home Parents
- Uber Driver
- State Park Employee
- College Student

How did they get there?

Thousands of hours of preparation by an **INCREDIBLE TEAM**.

- Paintsville, KY to Cupertino, CA
- Organization & Recruitment
- Rigorous Application Process
- Phone Interviews
- Written Interviews
- Video Interviews
- Acceptance, Invitation, & Preparation
- Investment by the Barren County Board of Ed, local philanthropist, & Interapt, LLC.

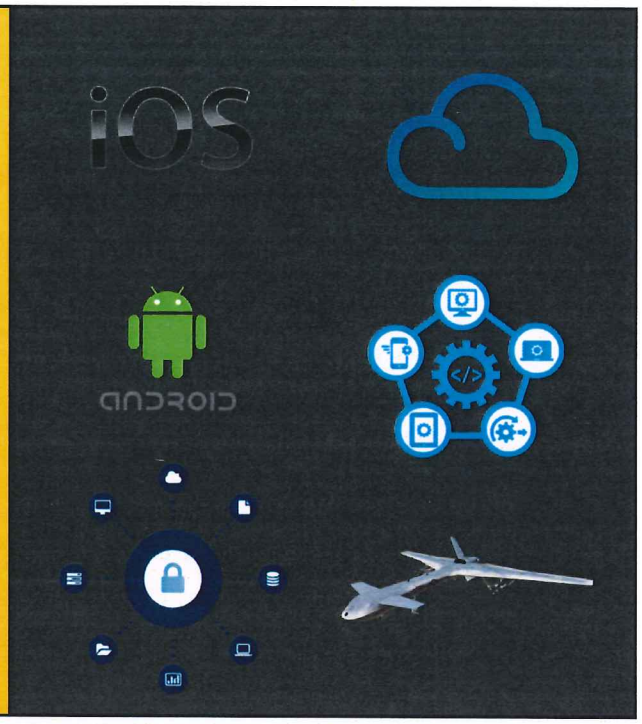
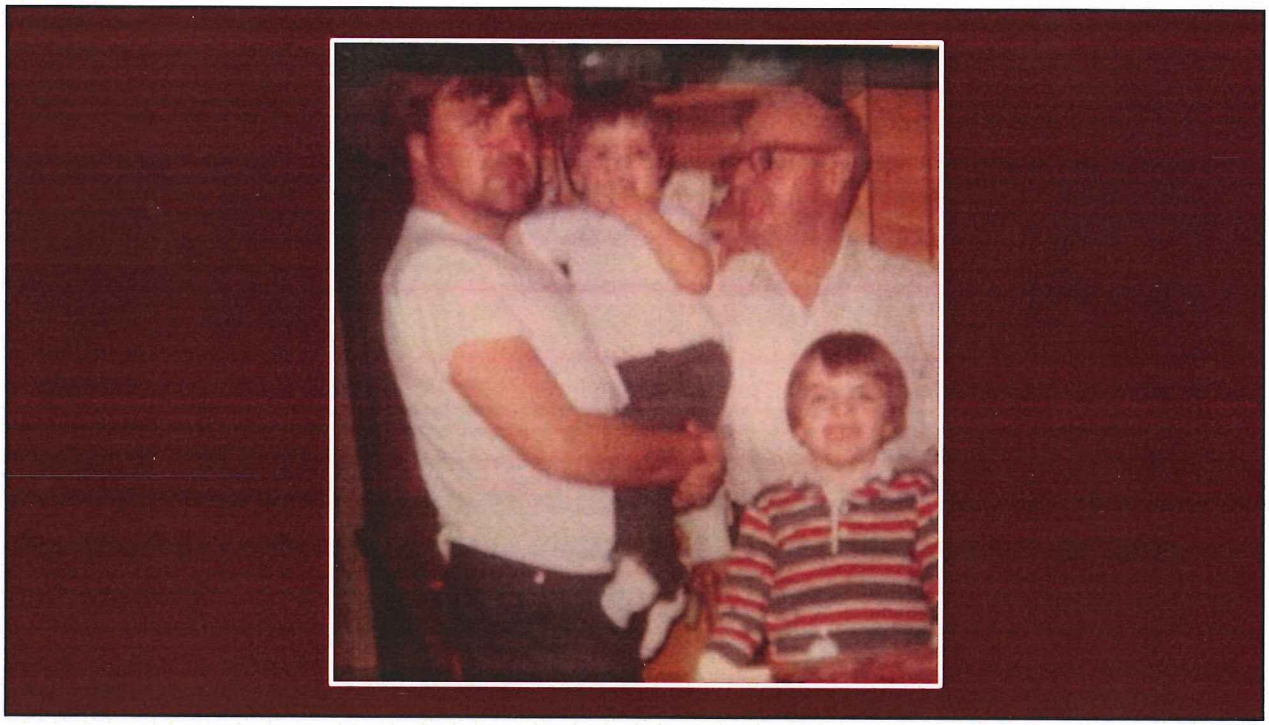
What are they doing?

Phase 1: **Education** (Cohort 1)
August, 2018 - December, 2018

What are they learning?

- **iOS App Development**
- Software Engineering
- Web Development
  - Responsive Design
- Professional Skills
  - Soft Skills
  - Internet Presence
  - Professional Tools

Where are they going?

Phase 2: **Deployment** (Cohort 1)

- **Apprenticeships**
  - iOS App Developer (71,700)
  - Software Developer (105,504)
  - Data/Cloud Engineer (45,494)
  - IT Generalist (286,769)
    - Indeed.com (9/10/18)
- **Higher Education**
  - Cyber Security
  - Computer Science
  - Development