

Project ACHIEVE is not a regular high school experience program, but an innovative model that personalizes the learning experience for high school students with knowledge and skills that they will need to be successful in college and more importantly, in their careers. This is an opportunity for high school students to prepare for a post-secondary education through a curriculum (based on both academic and CTE configurations) that correlates with a competitive workforce through employer engagement. Project ACHIEVE emphases are Engineering, Biomedical Science, Computer Science, and Medical Health – All STEM.

FACTS | SUSTAINABILITY

- ✓ **The YCC Grant has a focus on H-1B Visa Programs in STEM related fields.**
- ✓ **YCC is assisting with funding Project Lead the Way (PLTW). This is the nation's leading provider of STEM programs.**
- ✓ **PLTW and KEDC are currently researching for funding to help support STEM education (K-12) that aligns to Project ACHIEVE.**
- ✓ **Through YCC, students gain both the academic and skills sets needed to compete in the workforce.**
- ✓ **YCC gains special interest from the local Workforce Investment Areas and KY Career Centers.**

YCC STUDENTS YEAR 4



After four (4) years with Project ACHIEVE, a total of **1,525** students have benefited from numerous employer & college opportunities from 10 appointed high schools in Kentucky. Each high school from the Youth Career Connect (YCC) Grant has implemented at least two of the three pathways established with Project ACHIEVE and Project Lead The Way.



PLTW offers the nation's leading STEM curriculum, providing high-quality teacher professional development, partnerships, and pathways to help develop skills needed in the global economy. The Department of Labor's ETA Division has taken notice of the ACHIEVE program and currently two high schools are progressing through a National Evaluation with Mathematica. The study will learn more about the opportunities that students are given and successful strategies that are working.

YCC HIGH SCHOOLS

The appointed high schools for this YCC Grant from the U.S. Department of Labor are: Middlesboro HS, Knox Central HS, Lynn Camp HS, Southwestern HS, Pulaski Co HS, Casey Co HS, Garrard Co HS, Lee Co HS, Lawrence Co HS, and Johnson Central HS.



PROGRAM SERVICES

1,508 ★★★★★★★★★★★★★★★★★★★★
Career/Academic Counseling

434 ★★★★★★
Community Service Learning



177 ★★
Mentoring

684 ★★★★★★★★★★ 
Work Experience

934 ★★★★★★★★★★★★
Leadership Development

1,271 ★★★★★★★★★★★★★★★★★★★★
Received Supportive Services

364 ★★★★★
Internship



1,014 ★★★★★★★★★★★★★★★★★★★★
Employer Provided Services

1,274 ★★★★★★★★★★★★★★★★★★★★
Entered Industry-Specific YCC Courses - PLTW



STUDENT SUPPORT



Huff @LCHSBioMed · Feb 13
Many thanks to Dr. James Lester, DMD for mentoring Lincoln Rose as he job shadowed for 30 hours @All_in_LC #CommunitySupport #BioMed #YCC10



High School students in the YCC program are exposed to activities that go beyond the classroom and they are provided **Student Support** from several components. These include: job shadowing, internships, leadership opportunities, mentoring, career counseling, a strong focus on soft skills, work-based learning, project-based learning, tours and speaking engagements from employers, and career goals.

Students coming out of the YCC Program will have major advancements with their skills and academics to help support their careers and the workforce community.



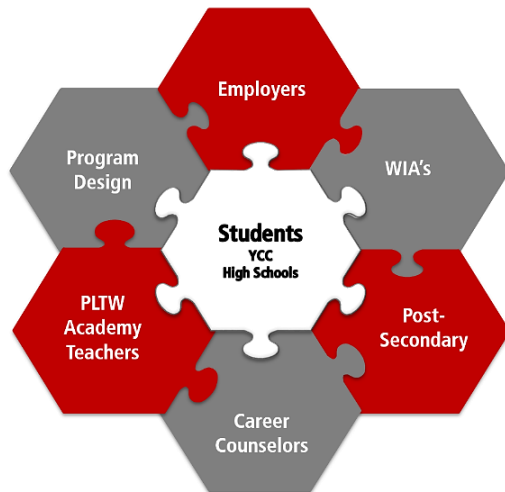
FACTS | SUSTAINABILITY

- ✓ **Ongoing networking with YCC High Schools to reinforce the current YCC model with the role of the career counselor, the academy teacher (PLTW), the YCC School Mentor, and the YCC students.**
- ✓ **KEDC Partnership Employer Big A Solutions has helped develop a Project-Based Internship with YCC Students.**
- ✓ **KEDC is promoting the YCC program and investing with ALL YCC students through Seminar courses that focus on soft skills, Individual Learning Plans, career building, college preparedness, job shadowing, and internships.**
- ✓ **Cost Sharing has exceeded the 25% required match from Employers, School Districts, PLTW, Universities, and KEDC. This is additional funding that communities have provided to help promote Project ACHIEVE.**

COST SHARING

\$2,219,183.87 

Cost Sharing "Match for YCC"



SUCCESS STORIES

Going beyond to elevate this model, all YCC High Schools share success stories with a new student of the month from our YCC website. YCC students and teachers help promote these stories and more with images through twitter using the **#ycc10** to log pictures and snapshots of student evidence in the classroom and employer engagement. Each month, Career Counselors also meet with their YCC Student Leadership Team to discuss future topics and activities for their YCC Program.

Knox County Schools @knoxkyschools · Jan 12

Lynn Camp engineering students enjoyed learning and networking today at Big A Solutions in Lexington. **#YCC10 #STEM**



Project-Based Internships
BAS Young Engineers Design Challenge

LAKE CUMBERLAND
Regional Hospital



BAPTIST HEALTH



CAREER COUNSELORS

The strength of this YCC Grant within the KEDC model, is championed by our Career Counselors and their supporting PLTW Teachers, who provide small learning communities for students to lead and develop high-skill qualities that promote work readiness. The Career Counselors work closely with their community employers to sustain learning job experiences that will support a “culture of change.”

YCC Career Counselors focus on the **quality of student services**, while still recruiting new participants to take part of this inventive program. The Kentucky Department of Education (KDE) continues to promote assistance toward Individual Learning Plans for our YCC Students. Starting in the fall of 2018 KEDC is launching **ACE** (Achievement in Career Engagement). **ACE** is a process of developing work-based learning skills through an on-line Endorsement Program, created by students and confirmed by KEDC.

YCC Career Counselors also promote Advisory Committee meetings locally, bringing in all partners that help sustain this model. Employers, local officials, workforce development, school mentors, PLTW teachers, YCC students, and administrators make up these Advisory Committees for each high school. They each follow an ongoing formative procedure to analyze and reflect information with data.



POST-SECONDARY CREDIT

11.027

AVG Hours Post-Secondary Credit



Along with one-to-one and group services, Career Counselors also encourage and advise YCC students to take post-secondary courses to give them an advantage heading into college and with their certifications/degrees. To date, each YCC student that is taking a college course has received on average 11.207 hours of post-secondary credit.



FACTS | SUSTAINABILITY

- ✓ *Ongoing networking with other leading employers across the state that want to promote STEM related fields in Kentucky.*
- ✓ *The YCC program allows students the opportunity to explore, apply, and expand on learning that occurs inside the classroom into career pathways with employers. This allows for students to be exposed to career pathways in which they would not have had an opportunity before.*
- ✓ *The YCC Career Counselor recruits for both the students and employers to help establish a pipeline and a network of partnerships.*
- ✓ *YCC Students are maintaining a 95% attendance rate and a retention rate of 86% within the program.*

ATTENDANCE

95.1%



Attendance Rate

86.7%



Retention Rate

 **#ycc10**
www.ycc10.com