

Blair County STEM Collaborative

The STEM Collaborative provides an opportunity for Blair County students to attend educational summer secessions to explore topics centered on science, technology, engineering, and mathematics. The goal of the STEM Collaborative is to establish a working relationship between the Blair County chamber, Appalachia Intermediate Unit 8, and schools to provide opportunities for students to both enhance their academics and to showcase how the skills they are learning are the same skills that are required for many industries within our communities.

The students who participate are high school age and attend any of the 7 public schools or various private schools in Blair County. The instructors are also Blair County teachers who love to challenge students and find creative ways to allow students to think about and solve real world issues. Throughout the week, the students tour local companies to apply what they learn in class to the jobs that are available in Blair County. This experience brings meaning to the content being taught and helps to prepare the students to find the careers that interest them the most.

Feedback from Participants

“I liked that we used what we learned about science in school in a more practical and realistic setting to design devices.”

“I would definitely recommend this program. I thought that it was fun and was beneficial to improving my understanding of coding and electricity.”

Philip Chamberlin
Bellwood Antis High School
Grade 10



Students tour Blair Sign in Altoona, PA

“The collaboration of small groups of students with varying experience levels really made this a successful and rewarding week.”

“Pairing the camp with a field trip to a community business really tied the whole experience together and allowed the students to see how their learning experiences could be translated into a career.”

Jessica Miller
Teacher – AAJHS