

# Our learning, living laboratory

AgWorks at CCA is our brand-new, fully functional, interactive state-of-the-art controlled environment agriculture facility housed in our Capital Campus and Family Service Center in Harrisburg. AgWorks at CCA is an agriculturally focused educational and career-building offering for students at CCA, a Pennsylvania public cyber school serving grades K through 12.

## What is AgWorks at CCA?

AgWorks at CCA is the largest public educational aquaponics facility in the country, using state-of-the-art technology to create a controlled environment agriculture that provides learning experiences for students of all ages. This hands-on, student-led facility enables students to learn about aquaponics, hydroponics, aeroponics and a variety of career options.

## What is controlled environment agriculture?

Controlled environment agriculture uses technology to produce food. Crops are grown in an enclosed structure, monitored by technology and agricultural specialists, to protect and maintain the best growing conditions.

## Why did CCA build the AgWorks at CCA facility?

AgWorks at CCA provides students the opportunity to receive hands-on experiences and learn more about careers in agriculture, business, engineering, trades and other fields before college. STEM-focused students will learn key, applicable skills, enabling them to master and manage the science and technology behind this state-of-the-art facility.

## What if I can't travel to Harrisburg?

We'll come to you! We created an AgWorks at CCA mobile classroom and virtual experience for students participating from home to give all of our families across Pennsylvania the opportunity to learn about aquaponics and get involved.



■ **Visitors welcome.**

AgWorks at CCA will contain a welcome center for guests. Tours and use of the AgWorks at CCA facility will be available for schools, colleges, local businesses and nonprofit groups.

## By the numbers

- **75,000**; Jobs needed in agriculture and food careers in Pennsylvania by 2025\*  
*\*Source: Pennsylvania Department of Agriculture*
- **6,100**-square-foot living laboratory
- **3,000** plants and trees can be grown
- **More than 400** tilapia, koi and prawn
- **1,080**; Solar panels that produce 100 percent of the energy needed to power the AgWorks at CCA facility
- **3 science labs**; research, tissue culture and genetics
- **\$0**; No Pennsylvania tax dollars were used for AgWorks at CCA

\*CCA received a Federal Title I grant for the AgWorks at CCA facility

