



## Why We Do It:

TECH CORPS envisions a world where every student has the skills, confidence, and opportunities to unlock the door to a successful future. We believe all K-12 students should have access to meaningful career-connected technology learning experiences.

## How We Do It:

Our work to achieve this vision centers around three core pillars:

- **PROGRAMS:** We design engaging, rigorous and relevant career-connected technology programs that span from awareness to exploration to immersion.
- **PEOPLE:** We train and support educators and volunteers to deliver TECH CORPS programs.
- **PARTNERS:** We work with like-minded partners to provide students and educators with access to programs designed to educate, excite, and empower.

## Because We Do It:

- Students discover the connection between the technology they love to use, and the educational and career pathways involved in its creation.
- Students historically underrepresented in technology have safe and supportive learning environments where they can explore, experiment, and develop essential technology skills and knowledge.
- Educators receive the professional development, curriculum resources, and support they need to effectively integrate high-quality technology programs into their classrooms, ensuring rigor and alignment with student learning.
- Students graduate high school prepared to pursue technology-related degrees, credentials, and careers.

# TECH CORPS Signature Programs

TECH CORPS develops technology programs and deploys tech-savvy talent to assist K-12 students and educators. TECH CORPS offers its Signature Programs and works with partners to develop regional programs based on community needs or sponsor preference.

## STUDENT-CENTERED PROGRAMMING

### AWARENESS

#### TECHCORPShack

High school students team up for a full day of coding, collaboration, and problem-solving—tackling real challenges, learning from technology professionals, competing for prizes, and unleashing their creativity.

### EXPLORATION

#### Computing Career Corps

High school students explore programming, web and app development, and hardware/software through hands-on projects, earning skills and work-based learning hours.

#### IT On Ramp

High school students spend two weeks building apps, exploring cybersecurity, and designing websites while gaining skills and career exposure in technology.

#### IT On Ramp+

High school students boost algebra and geometry skills through a four-week, full-day program blending math with app, game, and web development projects.

#### Techie Camp

Students in grades 3–8 dive into coding, game design, animation, and app development in week-long camps that build confidence, creativity, and technology skills.

### IMMERSION

#### Student TECH CORPS

Student TECH CORPS offers deeper, career-aligned training in tech support and web development for high school students.

Students can earn work-based learning hours, the OhioMeansJobs-Readiness Seal, an industry-recognized credential and the pre-apprenticeship certificate.

- **Tech Support:** High school students explore hardware, software, networks, and learn to run a help desk.
- **Web Development:** High school students work in a simulated design company, designing and coding websites while building durable skills.

## EDUCATOR-CENTERED PROGRAMMING

### AWARENESS

#### CSEdWeek

Educators in grades 3–8 receive free, hands-on computer science lessons to inspire students and celebrate creativity, innovation, and careers in technology.

#### TECH CORPS Teacher Leader Network

K–12 educators gain advanced training and resources to lead technology integration in their schools, building confidence and capacity to elevate technology education.

### EXPLORATION

#### Building Blocks of Computer Science

Out-of-school-time educators learn strategies and lessons to integrate engaging computer science content into after-school and summer programs for students.

### IMMERSION

#### CTRL Stack: A Tiered Tech Leadership Model for Educators

CTRL Stack is a bold new framework from TECH CORPS designed to equip and elevate educators as technology leaders—starting in the classroom and scaling across communities. Built around three progressive tiers, this model empowers teachers to facilitate, mentor, and lead high-impact technology programs through hands-on learning.

#### Student TECH CORPS: Train the Trainer Model

Educators receive training and support to lead Student TECH CORPS in their classrooms. Through this hands-on experience, students earn credentials, certifications and work-based learning hours.