

# Computer Science Professional Learning Programs

The Ohio STEM Learning Network (OSLN), Putnam County ESC, and ESC of Central Ohio are teaming up to bring four programs to Ohio educators.

## OSLN K-5 Computer Science Cohort

Learn how to integrate computer science into your classroom. This OSLN developed course builds upon Code.org's elementary content to equip elementary teachers with the knowledge and skills to enhance math, ELA, and science instruction with computer science.

- Grades: K-5
- Level: Beginner
- Tech kit included

## Computer Science Discoveries (with Code.org)

The curriculum covered in this cohort is designed to be flexible. The curriculum allows for each unit to be taught alone, combined into collections that focus on specific areas (like Artificial Intelligence), or as a full year course. The course empowers students to engage creatively with computer science concepts and skills to build websites, apps, games, and physical computing devices.

- Grades: 6-10
- Level: Beginner
- Tech kit included

## Computer Science Principles (with Code.org)

A rigorous, engaging, and approachable curriculum that explores the foundational concepts of computer science. The class challenges students to explore how computing and technology can transform the world we live in. This course can be offered as an introductory AP course. The AP course is designed for students with no previous background in computer science.

- Grades: 9-12
- Level: Beginner



For the 2025-2026 school year, workshops will be held in both Central and Northwest Ohio. Both cohorts are open to applicants statewide.

Teachers who apply and are accepted into the Computer Science Cohorts are expected to:

- Complete a five-day, in-person summer workshop
- Attend four Saturday workshops throughout the school year, two virtual, two in-person (typically from 9a – 3p)

## Computer Science A (with Code.org)

Introduce students to software engineering and object-oriented design through Java. The course features culturally responsive teaching, real-world problem-solving, and open-ended projects for personalized learning. Designed for educators with computer science experience (e.g., teaching Computer Science Principles), it can also serve as an introductory AP course.

- Grades: 9-12
- Level: Intermediate

Apply by March 31, 2025  
[osl.n.org/how-we-help/professional-development/computer-science/](https://osl.n.org/how-we-help/professional-development/computer-science/)

