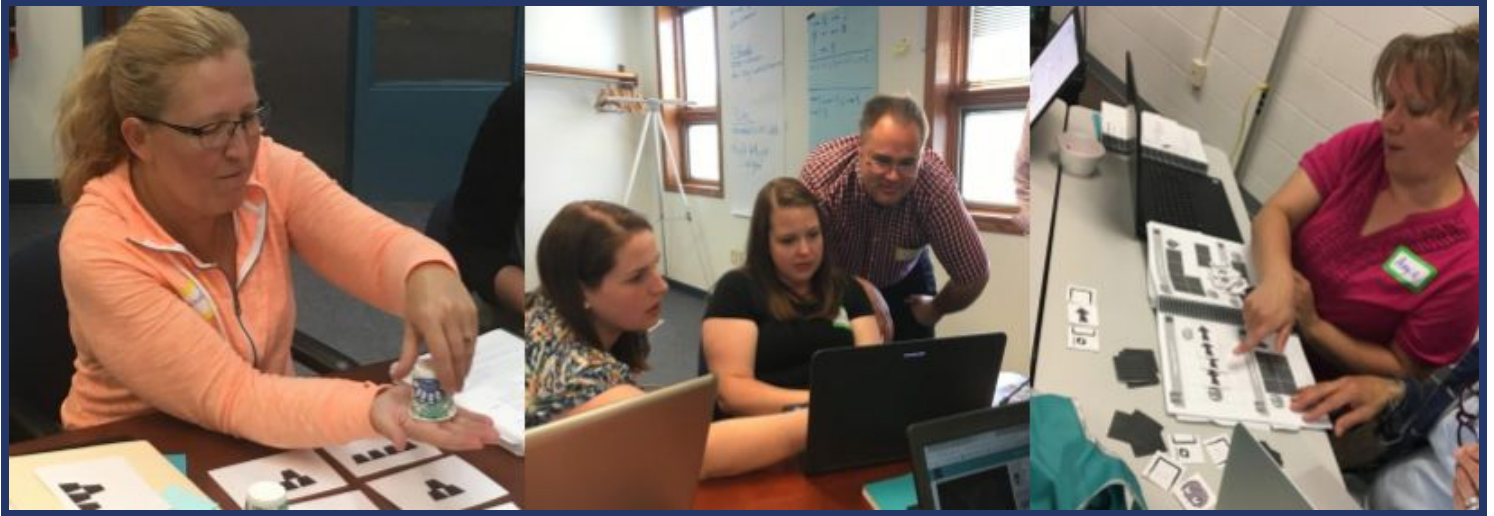


Computer Science Fundamentals: Kindergarten-5th



As a Regional Partner of Code.org, we are providing comprehensive professional learning for educators to implement Computer Science Fundamentals to elementary educators.

Professional Learning Program Benefits

Professional Learning for Teachers

Computer Science Fundamentals was built with elementary school educators in mind. The courses have been specifically tailored to students in Kindergarten-5th grade, with no prior experience assumed.

No Prior CS Experience Needed

The lessons in CS Fundamentals are presented with the understanding that many teachers will not have any previous computer science training, and educators are therefore encouraged to learn along with their students.

Curriculum Resources

The curriculum supports teachers new to the discipline with daily lesson plans made up of inquiry-based activities, videos, assessments, and computing tools that empower students to discover core computing concepts.

Course Structure

The courses are roughly aligned to each year of elementary school, allowing for the most robust content along the entire elementary pipeline. The core content of these courses range from approximately 12 lessons in the early grades to nearly 20 lessons in the upper grades.

Problem-Solving

Persistence

Creativity

Collaboration

Communication

Developing Skills

Students in CS Fundamentals work in a wide array of contexts, but these experiences are tied together by a core set of practices they develop throughout the course. These student practices provide coherence and serve as helpful reminders of the high-level skills and dispositions they should be continually developing.

This Opportunity Provides:

- Curriculum Materials
- Lunch
- Online Resources
- Online Management Tutorials

No Registration Fees



Professional Learning Details For 2019

Funding for this program is supported by a grant from the MiSTEM Advisory Council & Code.org.

March 4th	Winding Brook (Shepherd)
March 13th	Traverse Bay Area ISD
April 13th	Grand Valley State University
May 22nd	Wayne RESA
June 18th	Oakland Schools
June 19th	Eaton RESA
July 8th	Washtenaw ISD

July 10th	Macomb ISD
Aug 13th	COOR ISD
Aug 14th	Eastern UP ISD
Aug 14th	Longview Early Childhood Ctr (Midland)
Aug 15th	Seaborg Center at NMU
Aug 20th	Westshore ESD

SCECHs for all workshops will be available pending approval

High-Quality Workshop

- Facilitated by an experienced computer science educator
- Introduction to computer science, pedagogy, classroom strategies, and online management
- Collaborate with other elementary educators

No Experience Needed

Registration is currently open! - Limited seating available, apply ASAP!

For Registration Information

Mi-Coding.com/pl-cs-fundamentals

Code.org Regional Partner

Mi-Coding.com