

# CS Fundamentals Intro and Deep Dive Workshop Overview



## What is the CS Fundamentals Intro Workshop?

*A foundational introduction to CS Fundamentals for educators who are interested in learning more and getting started with the course.*

### Candidates for this workshop are...

- K-5 educators
- New to teaching CS Fundamentals, and might still be figuring out if they want to teach CS Fundamentals



### High level workshop goals

At the end of the workshop, teachers will **know**:

- The importance of all students having access to computer science, and the teachers' role in creating an environment where all students can learn equitably.
- How CS Fundamentals can be used as a tool for bringing computer science to all students.
- What CS Fundamentals courses look like (lesson plans, online activities, unplugged activities).

At the end of the workshop, teachers will **have**:

- A plan of action to start teaching CS Fundamentals.
- An implementation plan for teaching two CS Fundamentals lessons
- Goals for how deep into the course they would like to try to get.
- Strategies for teaching CS Fundamentals lessons.
- A connection to the community of CS Fundamentals teachers.

## What is the CS Fundamentals Deep Dive Workshop?

*A deep dive into course materials, teaching practices, and strategies for continuing to teach CS Fundamentals.*

### Candidates for this workshop have...

- Experience teaching CS Fundamentals to K-5 students
- Different prior experiences with PD, including:
  - Attended the CS Fundamentals Intro Workshop
  - Attended an earlier version of the CS Fundamentals workshop
  - Started teaching CS Fundamentals on their own

### High level workshop goals

At the end of the workshop, teachers will **know**:

- The details, philosophy, values, and rationale behind how their CS Fundamentals course is structured.
- The intended approach to teaching CS Fundamentals, including specific classroom practices, and the division of responsibility between students and teachers.

At the end of the workshop, teachers will **have**:

- A plan for offering more of the CS Fundamentals course.
- Strategies for addressing roadblocks to implementation, including any specific issues experienced in lessons taught thus far.
- Ideas for fostering and developing a strong classroom rapport that nurtures learners of all types.
- A deepened sense of community with CS Fundamentals teachers and a plan for keeping in touch with other teachers in the future.

