




# INTRODUCE YOUR K-8 TEACHERS TO CODING

*Are you ready to embark on an exciting journey into the world of Computer Science (CS) education? Let us help build your District's CS teacher capacity.*




*We help schools:  
Build capacity.  
Teach CS/STEM better.  
Enhance learning.*

**LEARN MORE**

 760-650-2687

 [www.edfortech.com](http://www.edfortech.com)

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Eugene, OR 97402





## Support teachers in gaining CS content knowledge with the **CS Professional Growth Bundle: PDs, Mentorship, Robots, & Data**



**LEARN MORE**

[www.edfortech.com](http://www.edfortech.com)

Our expert team uses research and evidence-based practices to help educators build capacity, teach CS/STEM better, and implement Computer Science(CS) with integrated curriculum for each grade level.

### What is included in the bundle? PDs, a follow up session, and results:

- 1** Expanding CS Horizons: A PD for K-8 Educators (6 hrs)
- 2** Exploring Coding & Robots: A PD for K-8 Educators (3 hrs)
- 3** Follow up session (1 hr): lesson plan integration, support
- 4** PD results data provided for District accountability reports

**BONUS!**  
Each teacher receives a Robot with the PD! Makes a class set for all to use.



**MTINY (TK-2)**  
Develop early literacy, numeracy, and SEL with storied robot activities.

**CODEY (3-5)**  
Go to Mars, as this robot becomes a rocket, a spacecraft, and rover!

**MBOT (6-8)**  
Assemble and drive a self-driving vehicle with Scratch code!



# Expanding CS Horizons: A PD for K-8 Educators

## CS Professional Growth

Level: Novice Time: 6 hrs + 1 hr followup



## HANDS-ON CS CONCEPTS & EDUCATION PRACTICES



Unpack CS standards. Equip teachers with in-depth content knowledge in key CS areas. Engage in interactive activities and hands-on exercises to reinforce learning.



Gain practical lessons, activities and frameworks to bring CS concepts into K-8 classrooms. Learn how to seamlessly integrate CS into subjects.




6 Hours of PD. Up to 10 participants. 1 Hr follow-up session. Live or Virtual options. Upon completion, receive an evaluation, certificate of award, and syllabus for CE credits.

## WHY CHOOSE US?

Our expert facilitator team has helped hundreds of teachers with no prior experience implement CS. We offer flexible PD scheduling. We go beyond just PD and provide follow-up support to overcome technical issues, assist with lesson plan integration, & options to review student work.

## CONTACT US

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## COMPUTER SCIENCE (CS) COHORTS FOR SPECIFIC GRADES: (K-2), (3-5), AND (6-8)

### COMPUTATIONAL THINKING

Explore problem decomposition, pattern recognition, abstraction, and algorithmic thinking. Learn how to guide students in applying these concepts to solve real-world problems. Unpack the standards, and use 5-E Framework to teach these CS concepts.



### CODING & DIGITAL LITERACY

Discover Scratch block-based coding, and Python introductory text-based language. Explore online safety, responsible internet use, and digital citizenship. Understand the impact of technology on society and how to teach these critical concepts.



### INTEGRATION & ASSESSMENT

Learn the art of integrating CS concepts into other subjects. Explore cross-curricular activities to bring CS principles into math, science, and language arts. Create PBL assignments, formative and summative CS assessments to evaluate students' understanding.



# Exploring Coding & Robotics: A PD for K-8 Educators

## CS Professional Growth

Level: Novice Time: 3 hrs



**ROBOT FOR SPECIFIC GRADES:  
MTINY (K-2), CODEY (3-5) OR MBOT (6-8)**

## HANDS-ON CS CONCEPTS, CODING AND ROBOTICS



Equip teachers with in-depth content knowledge of a particular robot and coding concepts. Engage in interactive activities and hands-on exercises to reinforce learning.



Gain practical lessons, activities and frameworks to bring CS concepts into K-8 classrooms. Learn how to seamlessly integrate CS into subjects.



3 Hours of PD. Up to 10 participants. Live or Virtual options. Upon completion, receive an evaluation, certificate of award, and syllabus for CE credits.

## WHY CHOOSE US?

Our expert facilitator team has helped hundreds of teachers with no prior experience implement CS. We offer flexible PD scheduling. We go beyond just PD and provide follow-up support to overcome technical issues, assist with lesson plan integration, & options to review student work.

## CONTACT US



## TECHNOLOGY & CODING

Learn how to use robots and microcontrollers to teach CS concepts. Gain in-depth knowledge of a specific robot, its coding language, and hands-on experience in creating programs to control the robot with block-based Scratch language.



## CS/STEM CURRICULUM

Discover standards-based curriculum, and ready-to-use lessons designed for science and math teachers to seamlessly integrate engineering and technology into their classrooms. Review the CS and Engineering standards for each lesson.



## INTEGRATION & ASSESSMENT

Learn the art of integrating CS concepts into other subjects. Explore cross-curricular activities to bring CS principles into math, science, and language arts. Create PBL assignments, formative and summative CS assessments to evaluate students' understanding.