

Demystifying Computer Coding with your Students:

Why we should be teaching coding in school

Course Description: Computer Science provides a foundation for virtually any career and coding is the basic skill used by programmers. In school, coding lessons give all students a chance to experience the world of computer programming and the opportunity to try coding for classroom assignments. From mathematical thinking and problem solving to creating presentations and functional programs such as computer games, coding is an integral skill that intrigues and challenges students. It promotes higher level thinking skills, troubleshooting, and collaboration in students. In addition, the coding skills students learn will apply to a wide range of other courses.

Introducing Kids to Coding



This course is designed to demystify "code". Learn the basics of coding to be a maker, a creator, and innovator. Experience coding yourself and learn how to present it to your students!

About the Instructor: Rita Partridge is an Instructional Technology Specialist who has worked with students and teachers for more than 20 years. She has worked for educational publishers as a researcher and trainer for nationally published textbook programs. Rita has also taught graduate level courses as an adjunct faculty member for Lesley University in their Instructional Technology Master's Degree Program and has offered numerous courses at TEC over the past decade.

Audience: K-12 Educators
Date & Time: Monday – Wednesday, August 7 – 9, 2017
8:30 AM – 2:00 PM
Cost: \$275 TEC Members / \$320 Non-TEC Members

Location: TEC Professional Learning Center in E. Walpole
Earn: 15 PDPs
Grad Credit: 1 credit from Worcester State University for an additional \$125, payable at first class



To register: Go online to http://www.tec-coop.org/PDL_RegForm.html or complete this form and send, **along with a check or PO**, to:
TEC Professional Development, 141 Mansion Drive, Suite 200, E. Walpole, MA 02032

Register me for "Demystifying Computer Coding" on 8/7/17! TEC Member District: \$275 Non-TEC Member District/Private School: \$320

Name: _____ School: _____

Home address: _____ Role: _____

City, state, zip code: _____ Address: _____

Email: _____ City, state, zip code: _____

Home phone: _____ Work phone: _____

Withdrawals: No credits/refunds will be given unless TEC is notified 10 business days before the first class. All payments processed upon receipt. There is a \$5 cancellation fee.