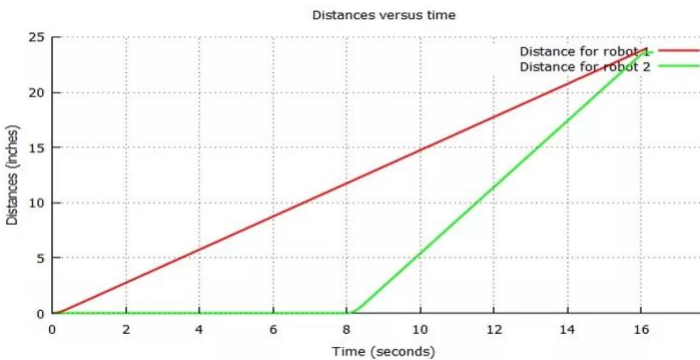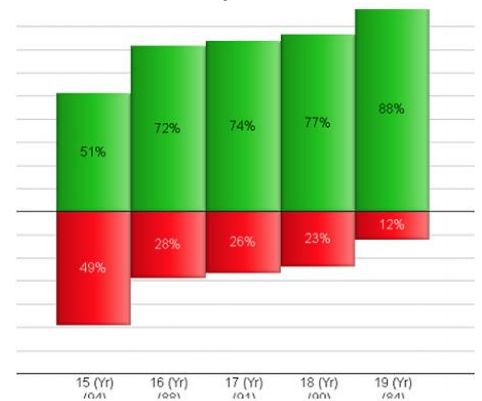# Free One-Day Workshop on
Integrating Robotics and Arduino into K-12 CS and STEAM Education

All participants receive a free Barobo Arduino Starter Kit ($35 value)!
No prior coding or robotics experience necessary

Join with other CS and STEAM teachers and school/district administrators (grades K-12) to explore the latest computing/robotics technology and curriculum, funded by the National Science Foundation and the California Department of Education for **hands-on learning in K-12 classrooms**. Participants will learn strategies to help students think beyond their textbooks and apply the math and science concepts they are learning to solve real-world problems with coding and sensor-based robotics, correlated with CCSS, CS, and NGSS standards. Participants will also learn how to enhance CS and STEAM education using robots, Arduino, and free curriculum at RoboBlockly (www.roboblockly.com) to stimulate students' creativity and imagination.

Improving 3rd Grade Standard Math Test Scores by 37% Over 4 Years

"I thoroughly enjoyed the interactive, hands-on activities. The presenter did a fantastic job!"

"I like that we started with the online robot and built up to the actual robot. The explanations of the code were great before we actually ran the programs for the Arduino and robot."

Date: Friday, January 31, 2020 (reg. deadline: Wednesday, January 29). Space is limited, sign up soon!

Time: 8:30 am-3:30 pm

Location: IPS Forest Manor Professional Development Center, Meeting Room B, 4501 E. 32nd Street, Indianapolis, IN 46218 (parking instructions)

More details and to register: www.barobo.com/pd

More information: info@barobo.com, c-stem.ucdavis.edu, www.barobo.com

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