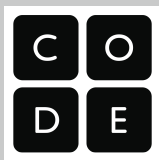# 2020 Spring Training Schedule

This new year, make a resolution to bring computer science to your classroom! With six different opportunities to learn from some of the best, it's easier than ever to get kids coding.

Join us for six great opportunities to get your STEM clock hours in with:

SAM Labs makes engaging, hands-on coding tools designed for K-12 students and educators to explore STEAM, develop problem-solving skills, and create with technology. The combination of their standards-aligned lessons, visual drag-and-drop coding apps and wireless electronic blocks allow students as young as kindergarten to build, program, and troubleshoot their way through challenges in science, engineering, math or even ELA.

Code.org is a non-profit organization and advocacy group working to encourage students across the world to learn computer science. Based in Seattle, they provide the leading curriculum for K-12 computer science for some of the largest school districts in the United States. Their website and online dashboard offers free coding lessons and software for teachers that spans everything from preschool programming to AP level coursework.

Sign up at livingcomputers.org!

Learn to Code with SAM Labs
Saturday, January 11 | 9:30am – 4:30pm

In this all-day session, you will be introduced to the theory and pedagogy behind implementing and teaching a successful computer science initiative. SAM Labs' Learn to Code Course is designed around teaching Google's Blockly coding language for 4th to 8th grade through scope and sequenced lessons and a strong emphasis on problem solving. Whether you're a coding novice or a proficient programmer, this session is a great opportunity to learn to code and have fun with physical computing!

$20 | Free for Educator Members!

Implementing & Managing a STEAM and Coding Program with SAM Labs
Saturday, March 14 | 9:30am – 4:30pm

Computer science and coding is becoming an integral part of the job landscape, but our future workers aren't meeting the demand. In this session, you will use SAM Labs to develop essential basic coding skills and understanding, and then explore appropriate strategies for implementing programs in your own organizations. With hands-on coding activities and collaborative brainstorming, this training session will give you skills, ideas and blueprints to bring computer science to your classroom all year round.

$20 | Free for Educator Members!

Hands-On STEAM with SAM Labs
Saturday, May 16 | 9:30am – 4:30pm

Curious about how you can bring STEAM into your school or classroom? In this training, we will learn foundational coding skills with SAM Labs using the intuitive SAM Space app, and how to apply these skills and approach with the SAM Labs lesson plans. We will also be learning about essential concepts like problem solving and computational thinking, and how STEAM education can introduce and foster these skills for students and educators alike. Prepare to be creative, have fun, and bring back some new ideas and skills!

$20 | Free for Educator Members!

Code.org Computer Science Fundamentals
Saturday, February 8 | 9:30am – 4:30pm
Saturday, April 4 | 9:30am – 4:30pm
Saturday, May 9 | 9:30am – 4:30pm

Designed for elementary school teachers, this workshop involves in-person instruction from an experienced computer science facilitator, including an intro to computer science, pedagogy, overview of the online curriculum, teacher dashboard, and strategies for teaching "unplugged" classroom activities. In addition to approximately 6 hours of instruction, participants will receive a printed curriculum guide containing course lesson plans; a certificate of completion; and a code.org swag bag.

$20 | Free for Educator Members!