

SAM Labs' On-Site Professional Development Offerings



- SAM Labs professional development cultivates educators' knowledge, skills and mindsets preparing them to lead STEAM and Coding initiatives in their classrooms, libraries, clubs and makerspaces.
- One 6-Hour PD Day covers **Level 1 and Level 2 OR Level 3 + Personalized, District-Specific Content**
- At the end of each PD Session, teachers will become certified in the level(s) completed.

Level 1 Course	As a result of this session, attendees will be able to...
Basics: Getting Started with SAM Labs	<ul style="list-style-type: none"> • Explain the 4 Pillars to the SAM Labs learning solution • Utilize the SAM hardware blocks in their kit • Build a sample system in the SAM Studio coding platforms • Plan for best practices and routines with SAM hardware, software, and curricula • Identify where to access support, resources, and content for next steps in implementation journey
Level 2 Course	As a result of this session, attendees will be able to...
Implementing STEAM and Coding with SAM Labs <i>*This course is split into 2 pathways based on the kit that was purchased</i>	<p>STEAM Pathway</p> <ul style="list-style-type: none"> • Articulate the Learning Science, Computational thinking & Benefits of Integrated STEAM Education • Establish a deeper understanding of the STEAM lesson progression and planning resources available • Articulate the purpose of the Behavior blocks in SAM Space • Build the systems and review the first 4 Starter Lessons <p>Learn to Code Pathway</p> <ul style="list-style-type: none"> • Articulate the Learning Science, Computational thinking & Benefits of Integrated STEAM Education • Establish a deeper understanding of the STEAM lesson progression and planning resources available • Articulate the purpose of the block categories in SAM Blockly • Build the systems and review the first 4 Starter Lessons
Level 3 Course	As a result of this session, attendees will be able to...
Elevating Your STEAM and Coding Instruction with SAM Labs	<ul style="list-style-type: none"> • Articulate strategies to foster an inquiry-based, student-centric classroom with SAM Labs • Plan to meet the needs of all learners through accommodations and modifications to SAM Labs content and platforms • Exhibit how the SAM Labs learning solution supports the Engineering Design Process and Prototyping • Articulate best practices to use SAM Labs by role (only need to complete 1) <ul style="list-style-type: none"> • Gen Ed, K-5 STEAM, Library Media, After school club, Tech elective, etc. • Personalized, District-Specific Content



Questions about PD content? Please email:
professional.development@samlabs.com

