

Professional Development

Educators receive lessons and tools to use with their students with all our PD!



Let STEM Fuse help you take your students to the next level by providing educators the tools they need to be highly successful! Our PD team are educators themselves and understand the demands that today's educators have on their time and energy.



Zero to CS Hero

(Computer Science Training for educators) 18 hours

Option 1: Self-paced course to be used by each school

\$1500 per school

Option 2: Live virtual training

\$1200 per educator

Option 3: Option 1 or 2 and educators can choose from a library of computer science courses to use in their classroom

\$2500 per educator

In this six part series, educators will learn skills to help them to become Computer Science Certified or pass the Computer Science Praxis Exam

- Problem Solving with a Computational Thinking Lens
- Data Types and Structures
- Programming & Logic | JAVA Focus
- Hardware, Software, and Networking
- History & Social Impacts of Computing
- Computer Science Pedagogy
- Programming Languages | JAVA Focus

HARDWARE: Any computer, laptop, tablet



Utilizing your Maker Space Across the Curriculum

(For educators K-12)

Option 1: 3 hour hands-on virtual or *in person

\$2500 per session

Option 2: Full day hands-on and 3D printing in person

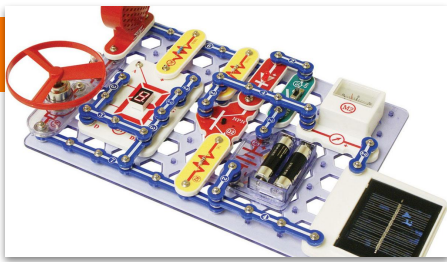
\$5500 per session + travel exp

Educators will be divided into groups by grade level to practice hands-on activities to teach problem solving and critical thinking while focusing on their core subjects. (Science, math, social studies, ELA, AFNR, Health, Business, the Culinary arts, etc.)

In the full day option, educators will receive specific training on how to incorporate 3D printing across the curriculum.

HARDWARE: 3D printers

**Educators will receive lessons and tools to use with their students following this PD.*



SNAP Back In!

(For K-5 educators)

Option 1: 3 hours virtual or *in person
\$2500 per session

Does your school currently have Snap Circuits that aren't being used? Let us give you ideas, tips and tricks as well as 15 fully created lessons to make your science classes come alive!

HARDWARE: Snap Circuits

**Educators will receive lessons and tools to use with their students following this PD.*



STEM Careers in AFNR

(Agriculture, Food, and Natural Resources)

Option 1: 3 hour virtual or *in person
\$2500 per session

Educators will learn how to introduce students to a variety of careers in AFNR and will be given specific resources to help set up work-based learning in this field. Career fields that will be explored are:

- Agribusiness systems and Marketing
[\(See sample resource\)](#)
- Animal systems
- Biotechnology systems
- Food production and processing
- Natural Resources and Environmental Services
- Plant Systems and Horticulture
- Ag Power, Structure and Technology

HARDWARE: Any computer, laptop, tablet (3D printers optional)

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Career Readiness Series

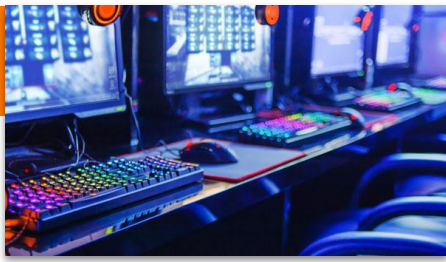
Option 1: Three one hour virtual sessions
\$2500 for all 3 sessions

Educators will learn ways to better prepare students for their future. Teachers will be given ideas and resources to help students:

- Plan and explore career pathways
- Explore Post Secondary options
- Prepare finances
- Develop a talent portfolio
- Learn how to properly apply for employment

HARDWARE: Any computer, laptop, tablet

**Educators will receive a variety of lessons to use with students as well as a work based learning platform to help students store career artifacts in their portfolio.*



Using Esports to Enhance your Business Pathway

Option 1: 3 hour virtual or *in person

\$2500 per session

Option 2: Full day in person session includes training on hardware and software

\$5500 per session + travel exp

Esports is a very popular industry today! Business and Multimedia teachers will learn how to teach students about the vast amount of careers that are available in this industry. Some of the careers focused on will be:

- Digital Media Design
- Streaming & Shoutcasting
- Video & Audio Production
- Business Development and Marketing
- Event Management

HARDWARE: Any computer, laptop, tablet, (esports equipment optional)

**Educators will receive lessons and tools to use with their students and will even learn how to set up an esports event in their school!*

PD from STEM Fuse

- ❑ INCLUDES Full Curriculum, Coursework, and Activities
- ❑ Project-Based Learning & Activities
- ❑ Authentic and Engaging
- ❑ Ongoing Support
- ❑ Hybrid, Remote, and In-Class Learning

Discover which professional development option is best suited for your needs!

Contact us today for more information stemfuse.com/contact-us