MindSpark™

STEM & Computer Science

Computer science helps students on the path toward some of the highest-paying and fastest-growing jobs. Even though computer science is a foundational pathway that will help students thrive in their academic and professional careers, it's often misunderstood and under-resourced in K-12 education. Many schools don't offer computer science and most existing classes are not diverse or representative of our population.

We believe that any educator at any grade level can integrate computer science into their daily teaching. We know that no computer science program can be effective without an equity lens and a clear link to labor market needs. Whether you are trying to create a new program from scratch, modernize an existing program, or simply create educator capacity to support your state or local requirements - MindSpark can help. MindSpark helps schools and districts build cohesive, equitable, and sustainable K-12 pathways - ensuring that educators are capable and confident of their teaching and learning practices in computer science.

Helping school leaders successfully develop and advance computer science programs through an equity lens.

Fostering computer science curiosity for students through extraordinary teacher experiences.

Building long-term capacity in educators to champion and guide computer science mastery for students.

Learn more at www.mindspark.org/computer-science

How do we help school leaders successfully develop and advance computer science programs through an equity lens?

Through our expertise and partnerships, we create K-12 pathways ensuring all students learn about computer science in developmentally appropriate ways.

• Visioning Workshops for K-12 planning, standards alignment, scope and sequence
• Grant Funding Workshops to optimize and cultivate funding streams
• Education Accelerators that support your problem of practice in computer science
• Code.org Professional Learning - Computer Science Fundamentals, Discoveries and Principles

How do we foster computer science curiosity for students through extraordinary teacher experiences?

Our team is passionate about delivering extraordinary and sustainable professional experiences that will help you explore unique ways to challenge the next leaders of change. Our future oriented experiences showcase the importance Computer Science will play in humanity's quest to change the world.

• Computer Science Career Literacy
• Hour of Code and Code.org featuring Computer Science Fundamentals, Discoveries and Principles
• Robotics and Physical Computing Workshops
• Drone Experiences
• Esports Programs

How do we build long-term capacity in educators to champion and guide computer science mastery for students?

Our team of educators are highly skilled and certified in computer science programming, with years of experience in teaching computer science to both educators and students.

• Career and Workforce Literacy Workshops
• STEMpath Graduate Certificate in Computer Science and Cybersecurity
• Transdisciplinary Workshops for Computer Science Integration
• Artificial Intelligence Workshops and Education Accelerators

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