

Free Programs for STEM Learning Online

Cisco supports programs and education nonprofits that get students excited about learning – in particular about science, technology, engineering, and math (STEM). Take a look at these free programs that parents and teachers can use to engage children in learning online, from anywhere.



21st Century Skills

Global Problem Solvers: The Series

Students need skills like teamwork, critical thinking, and problem solving to supplement STEM knowledge. This animated web series explores entrepreneurship, 21st-century skills, and how to use technology for social good. Supplemental materials include discussion topics, activities, and worksheets.

Good for ages 10-14



Science

Science Buddies

Kids interested in science can dive into over 1,200 projects in 32 different areas of science, from astronomy to zoology.

Good for all ages



Technology

Code.org

Learners can build their own game or app, guided by computer science tutorials and videos that make it fun and engaging.

Good for all ages



Engineering

Technovation Families

Adults and children can build hands-on artificial intelligence projects together with the goal of solving a real-world problem.

Good for ages 8-15, adult supervision required



Math

MIND Research Institute

Students can improve their proficiency in math through ST Math. This no-cost program uses visual learning to solve math problems.

Good for ages 5-13



Global Problem Solvers: The Series is a Cisco corporate social responsibility initiative. Science Buddies, Code.org, Technovation Families, and MIND Research Institute have received grant funding, technology donations, and expertise from Cisco and the Cisco Foundation. We support education nonprofits with innovative, technology-based programs that improve student performance and engagement, particularly in STEM studies and among underserved communities.

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