

Inspiring Teens to Pursue STEM

Developed by EverFi, *Radius - Math & Coding™* is a unique, digital Science, Technology, Engineering and Math (STEM) course that uses online gaming and simulations to teach critical technology and coding skills, ignite interest in STEM, and expose students to STEM opportunities that they might never have dreamed were within their reach. The 8-hour curriculum is designed for students in grades 8 to 10 and aligns with both Math & ELA Common Core Standards.

The Learning Experience

Best-of-Breed Content

Radius features 16 modules that incorporate real-world application of algebra and basic computer science in a secret-agent themed course. Engaging lessons focus on skill building and highlighting the career possibilities that a STEM education can unlock.

Personalized Learning & Interactive Simulations

Learning activities are individually pathed for all students to ensure they progress at their optimal pace. Students will apply their skills in a variety of real-life scenarios within stimulating environments corresponding with their secret agent missions.

Assessments

Teachers can access student assessment scores that provide key performance metrics.

Getting Started

Teachers can get started after a 20-minute meeting with their local schools manager.



15 of 20

FASTEST GROWING
OCCUPATIONS
REQUIRE MATH
OR SCIENCE
PREPARATION

- Based on the most recent
10-year employment
projections by the US Labor
Department

Level: Grades 8-10

Length: 8-10 Hours

Topics Covered

- Careers in STEM Functions
- Binary numbers
- Rational & irrational numbers
- Writing your first code
- Algorithms
- Boolean logic
- Basic HTML
- Encryption/decryption
- Pythagorean Theorem

EVERFI.COM

EverFi is the leading technology platform that teaches, assesses, and certifies students in critical skills. Our courses have impacted over seven million students.

The Need For STEM Education

While today's teens are surrounded by technology, there is a major shortage of students pursuing academic and career paths in STEM related fields. In fact, data demonstrates that U.S. students are falling behind their global peers when it comes to both the technical skills they are developing and their likelihood to pursue a career in STEM.

The industries that will power our economy require a workforce skilled in STEM disciplines. EverFi is committed to opening the door to careers for those underrepresented in the STEM workforce, lighting that spark in students, and connecting them to all the possibilities and opportunities in STEM.

Program Benefits

- Champion a new STEM education movement by teaching, assessing and certifying students in important 21st century STEM concepts.
- Prepare students to succeed in the 21st century workforce.
- Access key performance metrics for your students that will facilitate differentiated learning in your classroom.



IF THE U.S. IS TO MAINTAIN ITS HISTORIC PREEMINENCE IN THE STEM FIELDS, WE MUST PRODUCE APPROXIMATELY

ONE MILLION MORE WORKERS IN THOSE FIELDS OVER THE NEXT DECADE THAN WE ARE CURRENTLY ON TRACK TO DO.

- Presidents Council of Advisors on Science & Technology

OF THE 3.8 MILLION 9TH GRADERS IN THE COUNTRY, ONLY

6%

WILL END UP CHOOSING A STEM DEGREE IN COLLEGE IF WE REMAIN ON THIS PATH.

- National Science Board of the United States



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