STEM Innovator® is the nation’s STEM innovation, invention and entrepreneurship program measuring student development of 21st century skills for workforce readiness.

BUILDING CAPACITY IN EDUCATORS
STEM Innovator® provides educators the knowledge and tools needed to turn their classroom into innovation hubs. Educators take a deep-dive into the innovation, invention and entrepreneurial process, learning Design Thinking, Lean Startup and STEM Practices. They become the innovators of their school-community, collaborating with business and industry, designing real-world learning environments for students.

ENGAGING STUDENTS AND COMMUNITY
STEM Innovator® students work in teams, alongside business and industry mentors, on innovation challenges solving authentic problems encountered in everyday life. Students learn how to collect and analyze data, prototype, and pivot in order to advance a solution.

STEM INNOVATOR® DIGITAL PORTFOLIO
STEM Innovator® Digital Portfolio is a platform for student engagement with community partners. Captures critical STEM innovation skills and provides students and educators just in time feedback. The STEM Innovator® Digital Portfolio is changing the way students demonstrate workforce and college readiness competencies.

MEASURABLE RESULTS
Through engagement in STEM Innovator® students practice and learn the value of adaptability, failing, resilience, effective communication, and data-driven decision making – all skills critical for STEM careers of the future.

KEY FEATURES
• Customizable options to fit your program needs
• Innovation in the palm of your hand
• Access portfolio across grade level and classes
• Collaborate with students and community partners nationwide
• Real-time assessment reports

TEACHER TESTIMONIAL
"The STEM Innovator® Digital Portfolio gives my students frequent, timely, and usable feedback about themselves as problem solvers, team members, and communicators. It fosters a growth mindset in critical skills needed to succeed in academics, careers, and life, and a record of that growth that lets them and the outside world see all that they are capable of."

— Ed Murray, HS Science Teacher, STEM Innovator® Certified, Apple Valley High School, Apple Valley, MN
Workshop 1
Introduction to STEM Innovation and Entrepreneurial Thinking

Workshop 2
STEM Innovation: Problem-Based Learning, Design Thinking, Skills and Mindsets, Prototyping

Workshop 3
STEM Entrepreneurship: Data-driven Decision Making, Project Management, Entrepreneurial Practices

Workshop 4
STEM Innovation Activities and Portfolio Assessment for the Classroom

Workshop 5
Incorporation of STEM Innovator® Resources and Portfolio Tools to Create an Innovation Model for your Classroom

Workshop 6
Creating a STEM Innovation Culture: A Deep Dive into Implementation Strategies

STEM Innovator® is a product of the Jacobson Institute. The Jacobson Institute is a part of the John Pappajohn Entrepreneurial Center.