SKILLS21 ACADEMY

Students are natural innovators, we give them a venue.
SKILLS21 ACADEMY PROGRAM DELIVERS

ACADEMIC GAINS
Students enrolled in Skills21 Academy have shown statistically significant improvements in science academic achievement after the first year of involvement.

21ST CENTURY SKILL MASTERY
Students have demonstrated higher levels of 21st Century skill acquisition when compared to peers not enrolled in the program.

STEM COLLEGE AND CAREER ATTITUDES
Underserved students report a consistently positive intent to pursue STEM related college and career pathways.

DIVERSITY
Students universally report having a positive experience working with students from other districts and rank themselves as competent or highly competent working with students from diverse backgrounds.

92% of students agree or strongly agree they learned more in Skills21 Academy courses than non-Academy courses.

94% of students agree or strongly agree that Skills21 Academy helped them gain skills they would use in college and career fields.

85% of students agree or strongly agree they would want to continue Skills21 Academy Challenge Projects after high school.

91% of students agree or strongly agree that Skills21 Academy classes gave them an opportunity to work with students from diverse backgrounds.

83% of students strongly agree that Skills21 Academy influenced post secondary plans including STEM, digital media, technology, entrepreneurship, and health pathways.

A DECADE OF REAL WORLD SUCCESS
COURSES
Build a custom academy selecting from a 30+ personalized, mastery-based course catalog or even add existing district curriculum. Academies can include health, technology, entrepreneurship, STEM, and new media.

EXPERIENTIAL EVENTS
Participate in exclusive Experiential Events on business and college campuses featuring workshops specific to course content and Expo Fest needs.

PROFESSIONAL DEVELOPMENT
Engage teachers in a range of professional development and support options including self-paced online teacher training, embedded classroom coaching, custom professional development, and summer institutes.

EXPO FEST
Present at the Ultimate Showcase! Participants in the Friday Red Carpet Event and the Saturday Pitch Event will be featured on the big screen or a booth in the Skills21 Academy Challenge Category. Then, have the chance to present at the Big Pitch on the Expo Fest main stage!
CHART YOUR COURSES

SELECT YOUR BUSINESS
E-Commerce Entrepreneurship

CAPSTONE
Capstone Experience

SELECT YOUR COMPUTER SCIENCE
Code21 (Middle School)
Intro to Computer Science
Math 4 Programmers
Mobile App Development

SELECT YOUR DIGITAL MEDIA
Digital Media and Movie Making (Middle School)
Digital Storytelling After School Challenge (Middle School)

SELECT YOUR ENGINEERING
CT Aerospace Engineering Challenge
Engineering for the Digital Age
Sikorsky STEM Challenge

SELECT YOUR HEALTH SCIENCE
Intro to Health Science
Medical Science
Public Health

SELECT YOUR MATH
Algebra21 (Alg. 1)
Geometry21
Math 4 Art (Advanced Math for the Digital Artist)
Matrix21 (Alg. 2)
Stats21
Pre-calc21

SELECT YOUR NEW MEDIA
3D Modeling and Animation
Digital Journalism
Digital Media and Movie Making
Game Design and Development

SELECT YOUR SCIENCE
Biology21
Chemistry21
Earth and Energy Essentials
MarineSci21
Physics21

SELECT YOUR TECH
Mobile App Design
Mobile App Development
Skills21
Wearable Technology, Big Data, and Analytics
WHAT IS THE CHALLENGE?
Skills21 Academy Challenge asks interdisciplinary teams to create and implement a new physical or digital product, service, artifact, or community action project that addresses the overall Expo Fest theme. The selected combination of science and math curriculum with a Skills21 New Media, Health, Entrepreneurship, or Technology course drives the challenge deliverables.

DEDICATED TECH TO SUPPORT SUCCESS
Each Skills21 Academy comes bundled with best-in-class platforms to support teachers, students, and mentors:

**Skills21 Launchpad**
a purpose-built, challenge based platform packed with interactive modules and rich resources.

**Skills21 Trackpad**
a real-time academic competition judging app.
I can definitely say that joining the academy was one of the best decisions I’ve made to this day. It has taught me how to be a problem solver, how to step outside my comfort zone, and how to deal with criticism. It has made me the person I am today, and for that I am forever thankful for this program.

Setbacks are a crucial part of our everyday life. They enable us to see what failure is, and what it takes for us to keep moving on. The academy has taught me that failure is okay, in fact, failure is good! It drives people to continue to strive and in the end often enables them to persevere through tremendous odds.

I have learned that curiosity demands bravery, that good ideas come from a passion and drive to make a difference. I have learned that without curiosity, progress towards your goals will not be achieved. My curious spirit was encouraged further through my experience in the Skills21 Academy.
CONTACT INFORMATION
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