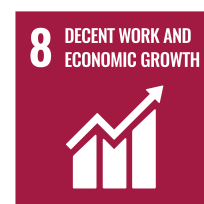# Generation AI: High School project

Foundation for Armenian Science and Technology (FAST)

FAST's mission is to build an ecosystem that drives technological innovation and scientific advancement in Armenia and beyond.

Organisation type	NGO
Location	Armenia
Email address	contact@fast.foundation

Project details

Region (of implementation)	Eastern Europe & Central Asia
Country / Countries of implementation	Armenia
Partners	Ministry of Education, Science, Culture and Sports, Ministry of High-Tech Industry of Armenia, Public Schools, NGOs and Private Sector
Main beneficiary	10-12 grade High School students in Armenia
Total budget	About $2 million
Source of funding	Individual donors, Corporate and Institutional Sponsors, Fundraising/Gala Events, Community Contributions
Dates	09/2023 - 06/2026
Focus	Development
Theme	AI Education, Innovation & Workforce Development

Objective(s)	Generation AI: High School Project is the first stage of the Generation AI Program, which brings an innovative and specialized curriculum and teaching methodology to prepare students for AI-related education and careers. The main goals are: (1) Ensure nationwide access to competitive math-based and differentiated AI education by integrating AI into Armenia's public school system; (2) Strengthen students' competencies in mathematics, computer science as foundational knowledge for AI and tech proficiency ; and (3) Foster motivation and readiness for careers in AI, STEM research and innovation.
Main activities	The program develops and integrates a comprehensive three-year curriculum into the state system, covering Advanced Mathematics, Python programming, and AI topics. It also trains and supports teachers through capacity-building programs, mentorship and pedagogical resources. The program includes project-based learning clubs, soft and life skills development, English language enhancement and career guidance. To further enhance their technical skills, students engage and collaborate with instructors from the industry, combining theoretical knowledge with practical real-world applications.
(Expected) Results	The program establishes AI education as a national standard in Armenia, equipping students with key skills in math, programming, and AI. With ongoing teacher training and industry partnerships, it aims to build a national AI talent pipeline and transform education through project-based hybrid learning. Currently piloted in select schools, it will expand nationwide in 2025 with the aim of becoming a state-certified AI education model, spanning from high school to Phd level, further supporting Armenia's global AI competitiveness and fostering long-term economic growth.
Insights	Diaspora engagement is a core component of the program, significantly contributing to its quality and impact. Diaspora members support the initiative through advisory roles, teacher training, career mentoring, networking and financial contributions. They help shape the program's strategic direction, strengthen educators' technical capacities and guide students on evolving industry trends. Looking ahead, the program seeks to further involve the diaspora in curriculum co-development, content validation, and the creation of global education and industry linkages - key for the upcoming BA program.

Links

↗ [Generation AI Program Overview and Impact](#)   ↗ [Generation AI Full Concept](#)