

Envision Academy of Arts and Technology

Aligned CTE Industry Sector: Arts, Media and Entertainment - Design, Visual and Media Arts Pathway
Pathway Name: Computer Science and Digital Design

Rigorous Academics

Measure N Investments

- Transportation for Study Tours

Pillar Components/Activities

-Integration of pathway tenets across curriculum

• Vision of an Envision

Graduate: Graduates from Envision Academy are lifelong learners who problem solve society's greatest challenges by exercising college and career skills alongside core competencies (critical thinking, leadership, criticality, knowledge (and love) of self and land, collectivism, and self-determination) so that the generations to come benefit from environmentally and culturally sustaining practices.

Career Technical Education

Measure N Investments

- Anchor Curriculum: PLTW Computer Science

CTE Course Sequence

Phase 1 (2022 - 2023)

9th: PLTW Computer Science Essentials
10th: MIT Scratch and Java Intro to Coding
11th: PLTW Computer Science Principles
12th: Digital Design Portfolio Capstone Defense

Pillar Components/Activities

• Students are engaged in interdisciplinary activities that not only build knowledge and skills in computer science, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance. The program's courses empowers students with in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they choose.

Work-Based Learning (WBL)

Measure N Investments

- Career Counselor Advisor

Partnerships (2022-2023)



Pillar Components/Activities

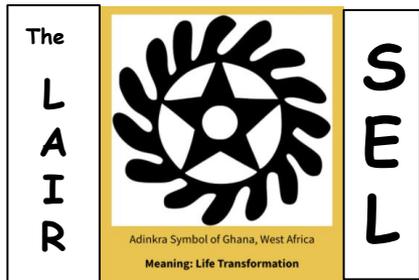
• Students gain skills and experience they need to create digital media that matters to them and focuses on their social change goals. Participants are prepared with skills to enter the digital media workforce and find sustainable employment in high-wage, high demand occupations, while developing a personal creative practice. Students gain marketable technical skills through hands-on, project-based coursework, taught by working professionals using industry-standard equipment.

Student Supports

Measure N Investments

- Family and Community Engagement Coordinator

Partnerships



Pillar Components/Activities

• Includes college and career, individual and group counseling, differentiated additional instruction in humanities and STEM to address gaps and individual needs, and art & music therapy