K12 STEAM Course Solutions

Empowering Education Since 1999

Digital Media Academy

Digital Media Academy

1999

Founded at Stanford University as the Academy for New Media

2002

Start offering STEAM summer camps at Stanford

2008

Expands into various subjects, including Computer Science, Filmmaking, Robotics, Graphic Design, 3D Modeling, Game Design

Digital Media Academy Tech Camps

2014

Milestone year with over 500,000 students across 25 Top Universities in US and Canada

Digital Media Academy For Schools

2017

Launch of Schools Partner Program

2022

Launch of K12 STEAM School Courses

Global Innovation Race

2023

Program hosts at Stanford University for students aged 13-17, develops their creativity and collaboration skills for for a world with AI

K-12 STEAM SOLUTIONS

Foundation Courses

Introductory-level knowledge, concepts, and technical skills.

- Beginner, Age 5-18 years
- No Teacher Expertise Required
- No Software or Hardware costs
- 10-15 Hours Per Course

Discovery Courses

Deep dive into learning new technical and creative skills using industry-standard software and hardware.

- Beginner to Intermediate, Age 5-18
- Subject specialist may be required
- Course-specific Software & Hardware
- 25-30 Hours Per Course

Academy Courses

Rigorous courses that meet genuine university and industry demands.

- Subject-specialist required
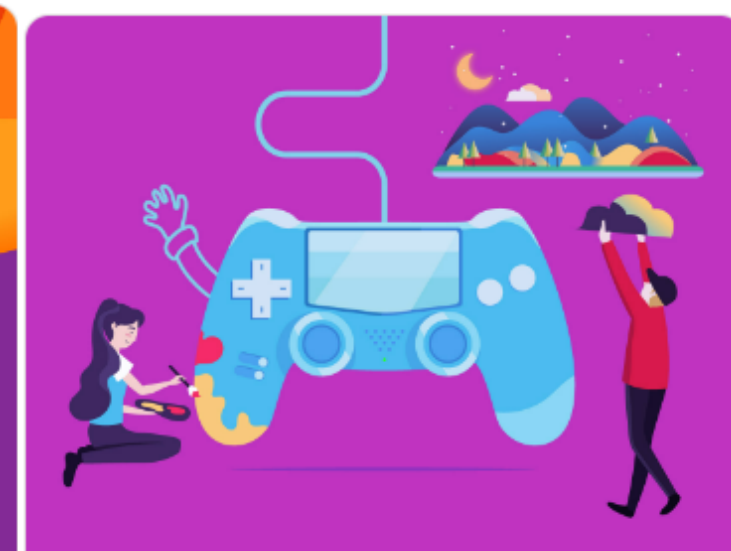- 25-30 Hours Per Course

Computer Science

Digital Arts

Music & Media
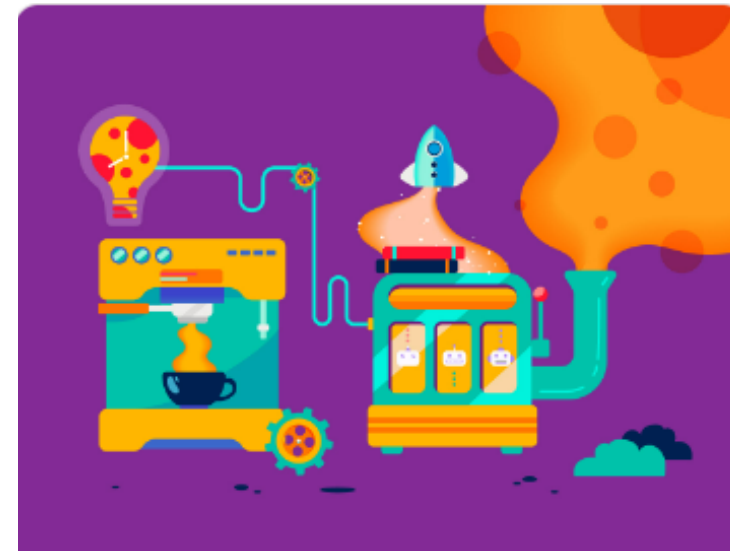
Engineering

Game Development

Business

Verified STEAM Education by Leading Institutions

Digital Media Academy TechCamps

Students' Perceptions and Attitudes Toward Digital Media Academy and STEM Fields

by

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November 22, 2019

Stanford
GRADUATE SCHOOL OF EDUCATION

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Digital Media Academy
Tech Camps for Ages 12-17

2019 Evaluation Report

October 2019

Prepared by EPIC STEM Evaluation Services
at The University of Texas at Austin
Texas Advanced Computing Center

EPIC EXPANDING PATHWAYS IN COMPUTING

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ISTE
International Society for Technology in Education

ISTE SEAL OF ALIGNMENT REVIEW FINDINGS REPORT

Digital Media Academy

DECEMBER 2019

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Digital Media Academy

Standard Aligned

Digital Media Academy

Our Learning Outcomes are aligned with the leading technology education providers

Click the logos below to explore the alignment

ISTE Standards
Seal of Alignment
Student
2021-23

ib
WORLD SCHOOL · COLEGIO DEL MUNDO · ÉCOLE DU MONDE

CSTA

NEXT GENERATION SCIENCE STANDARDS

Microsoft
K12 Education Transformation Framework

Cambridge Assessment International Education

National Curriculum

We solve the barriers for you…

01

Integrating STEAM into existing curricula

Our program aligns with various international curriculum standards, including the International Baccalaureate (IB), Cambridge International, UK Computer Science Teachers Association (CSTA), Next Generation Science Standards (NGSS), and Applied Design, Skills, and Technologies (ADST)

02

Teacher Training & Resources

We provide curriculum and course topic training. Our program includes built-in quizzes, activity worksheets, videos, discussion questions and grading to help teachers easily start and effectively deliver the course.
Our courses are easily adaptable for teachers to use with various subjects.

03

Keeping Up With Technology

Our team of expert educators and industry professionals will keep your curriculum up-to-date with new courses and existing course updates to ensure you always have exactly what you need to deliver in the classroom.
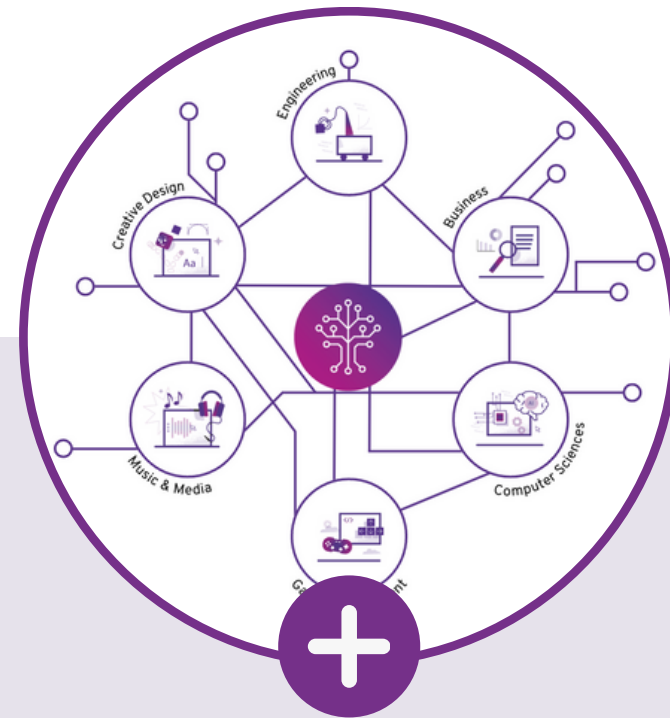We save teachers time and boost their confidence in teaching STEAM courses.

Digital Media Academy

What services do we provide ?

Course Selection

We provide a course selection survey to help schools get started, and we'll assist you in choosing the most suitable plan for your school's implementation.

Training

We offer course topic training and learning management system training.

Ongoing Support

We provide ongoing support for teachers as they navigate any challenges during implementation.

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From Our Members...

> By partnering with Digital Media Academy, our school has been able to support its vision of engaging in innovative and personalized world-class learning and enhancing learner engagement through project-based inquiry.

- **Shivanni Nayyar, Ormiston Primary School, New Zealand**

> As a teacher new to coding, I enjoyed the step-by-step approach of AI and Machine Learning. I was unfamiliar with coding through Scratch and I enjoyed the process of learning these new skills as much as the students.

- **Yvonne DeWith, John Knox Christian School, British Columbia, Canada**

> Time restraints should have been an obstacle however the course material was easy to integrate into other subjects. This lack of friction was key to a successful rollout.

- **Sandra Theobald, St. John Catholic High School, Ontario, Canada**

> The courses support our vision that teaching with a STEM approach improves skills and knowledge across the whole curriculum. Our team is excited to deliver more integrated technology education with the Leading STEAM Schools in the World program with Digital Media Academy.

- **David Ring, Deputy Headteacher, Swaffield School, London, England**

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Next Steps

1) Discovery

Book a Discovery Call to dive deeper into the needs at your school

2) Solution

Define your STEAM package, including courses and training hours

3) Contract

Pay your licensing fees via Credit Card or Wire Transfer.

4) Select your courses

Support you in selecting topics for implementation.

5) Teacher Training

Provide training on courses and the learning management system.

6) Onboarding

Onboard your teachers to our platform and assist in class preparation.

Digital Media Academy

Professional Development AI in Education

Alongside student courses, DMA and Stanford IT offer professional development courses in AI for your educators, helping them stay ahead of the curve and integrate these crucial skills into their teaching practice.

- **Session Duration**: 2 hours per session
- **Total Sessions**: 3 sessions
- **Delivery Method:** Online synchronous
- **Teacher-Student Ratio**: 1 teacher per 15 students
- **Minimum Teacher Requirement**: 30 teachers
- **Course Development and Delivery:** Developed and delivered by Stanford instructors
- **Certification:** Teachers will receive a Stanford IT Teacher Training Certification upon completion
- **Languages Offered:** The program will be available in multiple languages to accommodate a diverse group of teachers.

Stanford | University IT

Digital Media Academy

Stanford | Technology
UNIVERSITY IT | Training

Certificate of Completion

YOONHO LEE

Has successfully completed

2024 Global Innovation Race
Introduction to AI Models & ChatGPT Workshop

July 24, 2024

John Keppler (signature)
John Keppler
Stanford UIT Technology Training
Manager

Don Cameron (signature)
Don Cameron
Stanford UIT Technology Training
Instructional Design Lead

Digital Media Academy

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