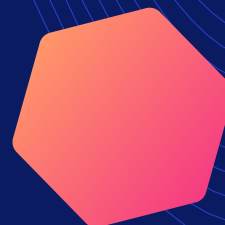
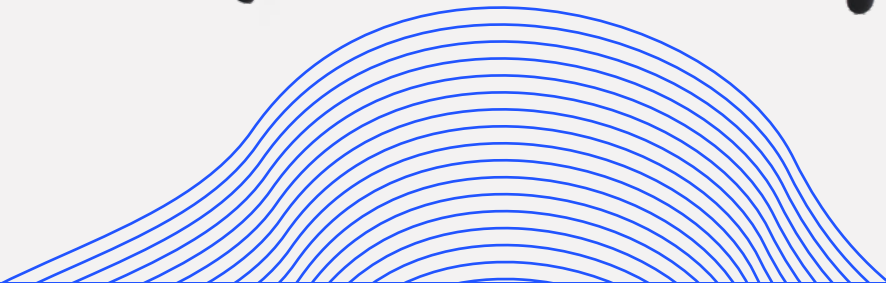
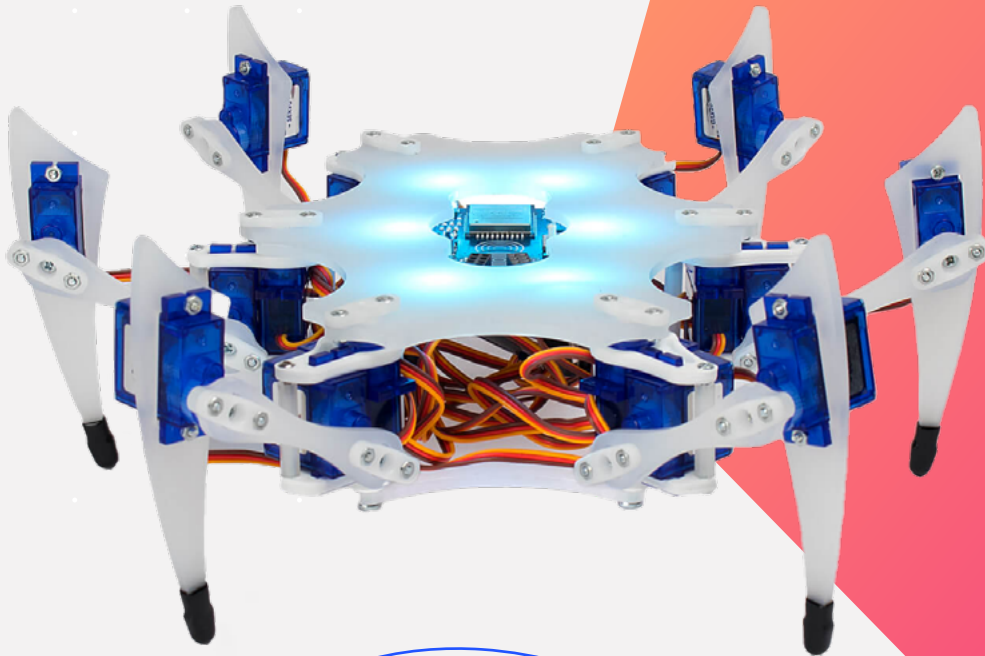


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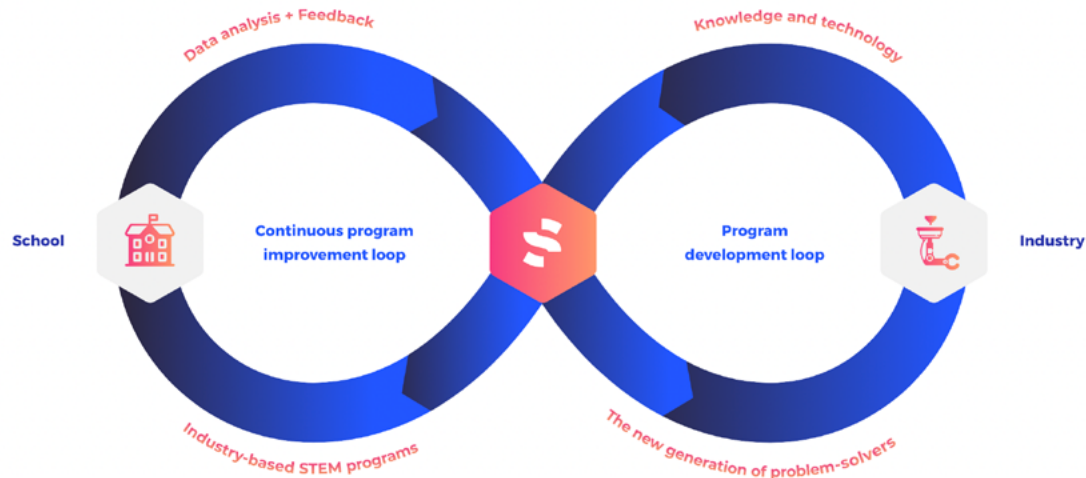




Globally, people continuously strive to adapt to innovation and new, emerging technologies. Schools often struggle to keep the pace with rapid technological changes, hindered by limited resources, outdated curricula, and tech skills gap among educators.

Stemi is tackling these challenges by creating an ecosystem that serves as a bridge between schools and the tech industry, and by creating educational solutions we bring the realistic tech environment experience into the classrooms.

The Stemi infrastructure is based on the innovative dual loop system approach. By co-creating with educators, students and the tech industry we are creating the next level learning experiences that simulate Careers of the Future.



marketplace

for STEM programs

Through the unparalleled STEM experience provided by top industry experts, students master the development of functional end products for solving global challenges, all while still in middle and high school.

create an AI chatbot



send robot to Mars



smart gardening



Curricula ✓

customizable for K5-K12
NGSS & ISTE standards
learning units: 2-20h
full projects: 50-120h

Materials ✓

scope & sequence
teacher guides
courseware
handouts
templates
assessments

Mentoring & support ✓

teacher training
in-action coaching
industry experts mentoring
class management

Today, over 25 000 students and teachers from 600 schools in Europe, US, South America, Middle East and Asia are using Stemi products and learning solutions.

lab.stemi.education/marketplace



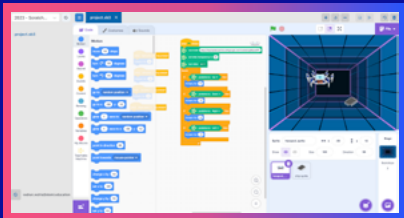
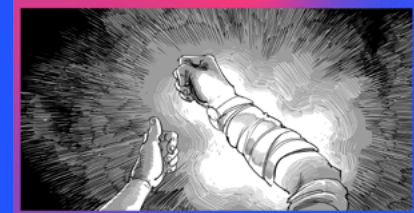
featured learning content

Foundations of Artificial Intelligence

1

STORYTELLING

Students get immersed in the learning content through the illustrated story where they, together with the AI companion, solve the world's problems and challenges.



VIDEO GAMES

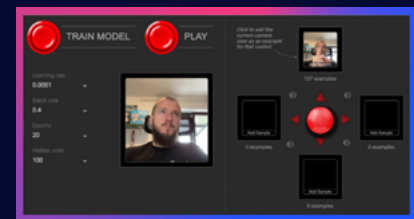
Our teaching methods are useful and fun. Using the Scratch editor, even the youngest students get to develop a fully functional video game using AI Computer Vision.

2

3

THE NEWEST TECH

As we update curricula on monthly basis, depending on the emerging technologies, content analytics & the feedback data, our students get to play with the latest tech available.



4

PROMPTING IS THE NEW GOOGLING

With the power and impactful emerging technologies such as ChatGPT, Bing or Bard, our task is to make sure students learn how to use it in a responsible and ethically acceptable way — in a safe classroom environment.



AI STUDY BUDDY

Trained under the supervision of our educators and tailored to the specific needs, we created a fully customizable Large Language Models (LLM) solution. Designed to assist students in their learning journey, it adapts to individual learning styles, ensuring an engaging and effective study experience.

5

6

INTERACTIVE ELEMENTS

To keep the learning spirits up, we make sure to create a plenty of fun, interactive and gamified elements throughout the learning content.



Creation — the highest level of human cognition

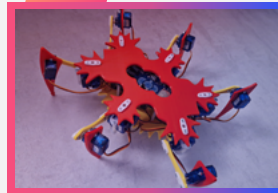
Every educator's goal is to ignite a passion for learning and guide students to excel both intellectually and practically, mastering diverse life skills so they can become competent, curious and empowered individuals. **Creators of a better future.**



THE IMPACT

“ Partnership with Stemi has been an exceptionally innovative, and useful, cross-border collaboration, introducing a cutting edge AI curriculum to the classrooms of the Lake District. **The hands-on projects facilitated a profound enhancement in students's problem-solving coding, and AI engineering skills, rendering learning more interactive** and, without doubt, more relevant to the future of work in this country and the wider world.

Matt Jessop, Head Teacher,
Crosthwaite C.E. Primary School, UK

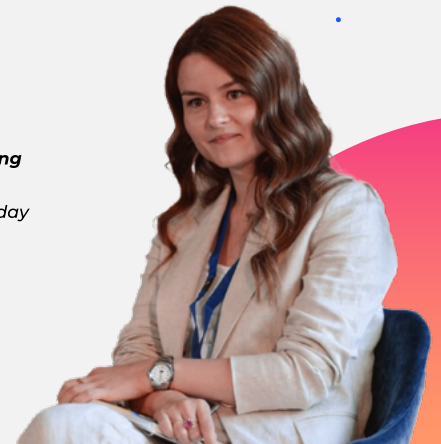


“ The students gained fundamental knowledge of 3D modeling and design techniques through excellent lessons on the Stemi platform. **Their skills developed day by day as they embarked on the challenge of creating parts for the Hexapod robot, which would enable smooth and stable movement.**

Elementary school “Rovisce”, Croatia

“ What pleases me the most after seven months of working together with Stemi is that **teachers are happy and more confident when it comes to using STEM equipment**, and they are ready to invest a significant amount of time to improve their everyday classes.

Ena Kosanovic, Project Officer
United Nations Development Programme
Bosnia and Hercegovina



“ Some of the seedings from the Stemi IoT program became part of our humanitarian campaign “Hand of Friendship”. Through a series of activities, Bjelovar High School collected aid for our partner eTwinning school, Kaya Karakaya Fen Lisesi from Elaziğ, Turkey. **The collected amount was donated to families of students from the earthquake-affected area temporarily residing in Elaziğ, Turkey.**

High school “Gymnasium Bjelovar”, Croatia



“ **It is a different way to approach teaching** than what most teachers are used to. A lot of teachers do direct teaching which is telling students what to do and how to do it and for a lot of students that is not all that entertaining and engaging. Some students learn that way, but most students could benefit from something else. Something non-linear like Stemi curriculum offers. **It's all about letting the students run wild with their creations** like we did with the Hexapods.

Curtis Williams, Teacher, Duval High School

Prince George's County, Maryland US



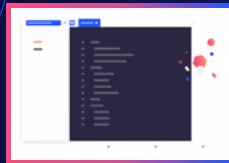
Stemi LAB deep education experience platform (LXP)

Get more flexible, engaging, and personalized STEM learning experiences compared to the traditional Learning Management Systems (LMS).



Deep insights into student learning progress

Our analytics and data engine enable the co-creation of learning experiences with teachers and students. Making informed decisions is critical for rapid evolving and improvement of the classroom experience.



Coding in the cloud



We have developed a fully integrated, cloud-based coding editor designed for creating games, AI chatbots, IoT, Data Science projects, and much more. The editor supports both block and syntax coding and features automatic grading, a revision system, and a code submission history. Additionally, it supports multiple programming languages.



Real-time chat app

Providing real-time human support to teachers through the built-in community chat is critical because it enables immediate resolution of challenges, enhances instructional quality, and supports the continuous professional development necessary for effective teaching.



Ready to use digital resources

The platform supports a wide range of interactive content for an engaging learning experience, including videos, slides, animations, coding snippets, LLM prompting exercises, and much more.

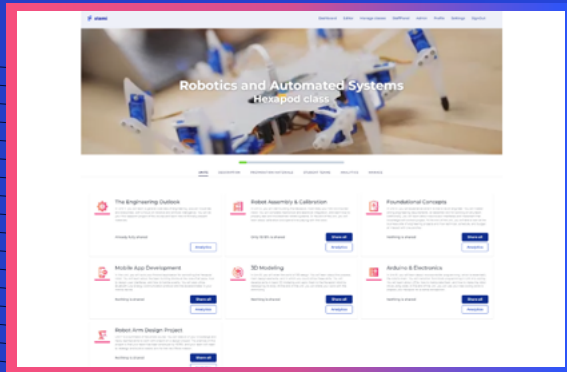




One of Southeast Asia's largest coding and technology schools utilizes the Stemi LAB platform to penetrate a new market segment, delivering cutting-edge coding experiences to schools.



Through its partnership with Stemi and leveraging our deep education experience platform, Industry-focused STEM curriculum development company Milestone C has expanded its programs to 18 US States.



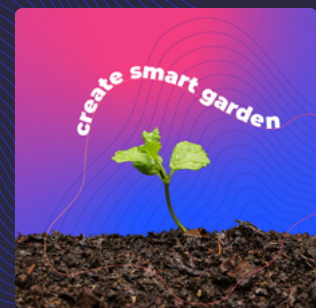
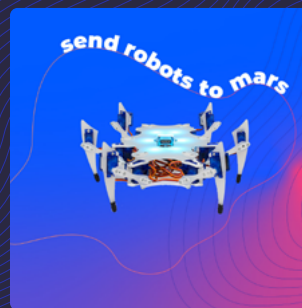
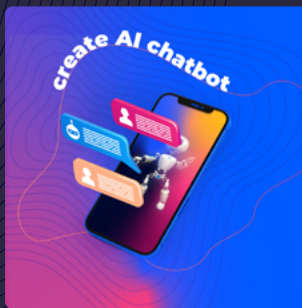
“Stemi LAB is a platform that connects all participants in the learning process. **The simple and intuitive design** allows teachers to easily manage the class and learning content, and provide students with easy access to all content in just a few mouse clicks. Many available curricula and programs **in addition to technical skills** also **develop important soft skills** such as teamwork, communication, critical thinking, problem solving, self management, decision making and creativity.

Dalia Kager, ICT teacher
Elementary school “Eugen Kvaternik”, Croatia

If you are an EdTech organization in search of a scalable software solution to host your own curricula and innovative STEAM experiences, look no further. Our infrastructure already supports hosting programs for students in Europe, US, South America, Middle East and Asia.

The change starts with STEMwave

It is an international educational movement focused on creating "Schools of the Future" by connecting middle and high schools with the tech industry. The project is currently ongoing in the United States, Croatia, and Bosnia and Herzegovina, with aspirations to expand to other countries.



This unique opportunity allows the students to learn from top industry experts and to master product development for solving global challenges, even while they are still in K6-K12 classes.

Discover the current behind the STEMwave movement



WE ARE RELENTLESS IN OUR PURSUIT TO GIVE YOUTH AROUND THE WORLD A BETTER EDUCATION.



By joining the movement, you start the ripple effect in your classroom and provide students with an unparalleled learning experiences that prepares them for the high-demand Careers of the Future.

SCHOOLS

We are looking for schools to join the movement and become leaders in providing youth with better education. Implementation of STEM programs is completely free, and educators are provided with professional development, real-time support and in-action coaching.

TECH COMPANIES

We are seeking companies who want to actively engage in educating future employees while forging stronger connections with their local communities. By helping to bring the latest technology directly into the classroom, foster a dynamic learning environment that prepares students for the tech driven world.

ED TECH PARTNERS

We collaborate with EdTech companies driven by common values and a shared desire to improve education, with a mission to empower students to create meaningful change in the world.

Even the tiniest drop can set off a ripple, growing into transformative wave. We see every educator, student and tech expert as a drop of water in our wave, and only by acting together can we bring about the necessary changes in education.

Over 25 000 students and teachers from 600 schools in Europe, US, South America, Middle East and Asia are using Stemi products and learning solutions.



