

# About STEM Learning Solutions

STEM Learning Solutions is a progressive educational company delivering STEM, AI, and Sustainability-based learning solutions to schools across the globe. Accredited by STEM.org USA, it focuses on integrating STEM and AI education within school curriculum, enhancing classroom learning through innovation and real-world application.

The company is led by an educationist, who is the Director for STEM.org (SAARC Region), having 42 years of expertise in educational innovation, quality management and philanthropy.

STEM Learning Solutions' mission is to inspire future-ready learners by cultivating innovation, entrepreneurship, and sustainable thinking through experiential, technology driven education.





# VISION

To transform education under the vision 2030 and beyond by integrating STEM and Sustainability into everyday learning – empowering young minds with the creativity, critical thinking, and problem-solving skills required to build a better, smarter, and sustainable future.



# MISSION

- To promote STEM-based learning as a core component of every school's curriculum.
- To develop 21st-century skills such as innovation, collaboration, and digital literacy in learners.
- To provide accessible, affordable, and high-quality educational solutions that bridge the gap between traditional learning and modern technology.
- To align all educational initiatives with the United Nations Sustainable Development Goals (SDGs), fostering responsibility, global awareness, and real-world application.
- To empower teachers through continuous professional development and hybrid learning certifications.

# STEM.ORG USA

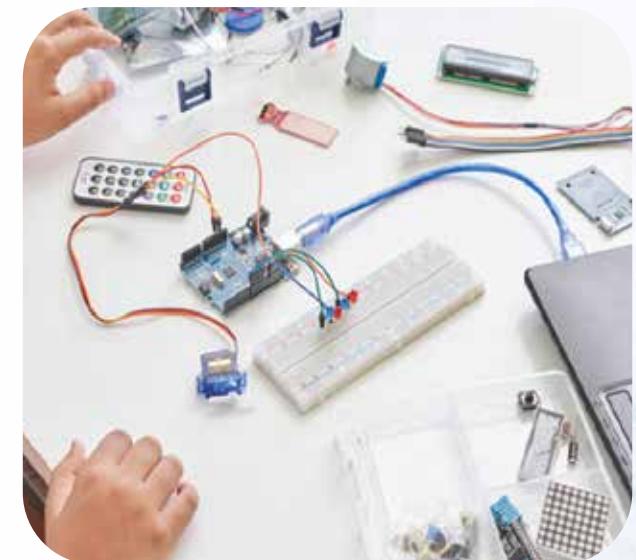
STEM.org (USA) is the world's longest continuously operating private STEM education research and credentialing organization, established in 2001. A global leader in STEM education, it has helped to shape international benchmarks through research, certifications, and worldwide collaborations.

With over two decades of expertise, STEM.org supports schools, governments, and organizations in building future-ready STEM ecosystems, empowering educators and learners with critical thinking, innovation, and problem-solving skills for the 21st century.



## INTRODUCTION

STEM Learning Solutions is a pioneering educational company dedicated to delivering innovative STEM and Sustainability- based learning solutions to schools across the globe. Accredited by STEM.org USA, the organization's mission is to seamlessly integrate STEM principles into the national curriculum –transforming traditional classrooms into hubs of creativity, innovation, and hands-on exploration.



# PARTNERSHIPS & AFFILIATIONS

STEM Learning Solutions collaborates with leading international educational organizations to ensure quality, innovation, and global alignment. It partners with Kids Academy (USA) and Learning Port (Malaysia) to deliver internationally benchmarked digital and hybrid learning solutions, and is a proud partner of STEM.org (USA), aligning its programs with globally recognized STEM standards.



In addition, STEM Learning Solutions is affiliated with SDGs Catalyst 2030, the SDGs Publishers Compact, GIGO Taiwan, TANG international China, Global School Alliance, Educraft Indonesia, Behang University China, Cambridge Assessment English, ACTD USA and SPS the Eaglets reinforcing its commitment to sustainable development, responsible education, and future-ready learning aligned with global goals.

# PRODUCTS LINE

## 1 STEM AI Series → Grade 1-8

The STEM AI Series is a future ready program that integrates STEM and Artificial Intelligence to develop creativity, critical thinking, problem-solving, collaboration, and digital literacy.

Recognized by STEM.org (USA) and aligned with international standards, it follows a learning by- doing approach, progressing from basic coding to advanced automation and design thinking.

### Key Features

- Future-focused curriculum for Grades 1-8.
- Integrated STEM and AI learning.
- Hands-on projects linked to UN SDGs.
- Encourages innovation, teamwork, and creativity.



# 2 STEM Integrated Textbooks

Grade Nursery - 8

Designed to align with the Single National Curriculum (SNC), these textbooks integrate STEM methodology to move beyond rote learning, fostering inquiry, critical thinking, and real-world problem solving.

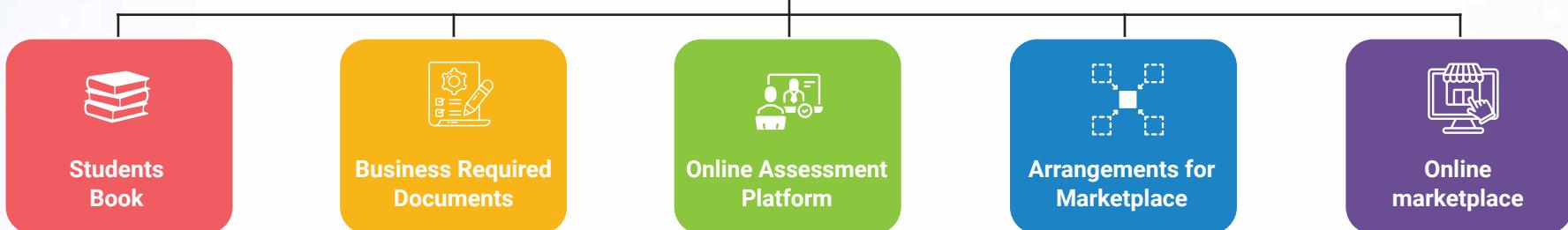
## Key Features

- Fully SNC-aligned with STEM integration.
- Encourages exploration, experiments, and hands-on activities.
- Promotes conceptual understanding over memorization.
- Connects lessons to real-life applications.
- Provides structured guidance for teachers.
- Having online platform in the shape of LMS.



The Entrepreneurship Series develops an entrepreneurial mindset and financial literacy through hands-on, real-world projects that turn ideas into valuable solutions.

### What We Offer



### Key Features

- Step-by-step curriculum for Grades 3–8
- Focus on financial literacy, creativity, and innovation
- Project-based, real-world business learning
- Builds critical thinking, leadership, and teamwork
- Culminates in the Market Space experience
- Supported by teacher guides and student workbooks



# 4 EduBlocks

Age 2+

Early childhood education, age 2+

Building bright minds through playful STEM learning

Learning by Doing  
nurturing joyful discovery  
while preparing children  
for lifelong STEM learning

EduBlocks introduces STEM through play-based, hands-on activities, helping young children build curiosity, confidence, and essential thinking skills. Learners explore shapes, colors, numbers, patterns, and sequencing, developing problem-solving, spatial awareness, and fine motor skills.

## Key Features

- STEM-integrated, play-based learning.
- Colorful kit with 4 base boards and 92 EduBlocks.
- Safe, durable, child-friendly materials.
- Builds cognitive, social, and creative skills.
- Encourages collaboration and communication.



# 5 STEM DIY Series

## Grade Nursery - 8

The STEM DIY Series promotes curiosity, creativity, and problem solving through hands-on, project based learning, enabling students to design, build, and experiment while connecting STEM concepts to real-life situations.

### Key Features

- Progressive STEM DIY curriculum from Nursery to Grade 8
- Hands-on experiments and maker based activities
- Encourages inquiry, innovation, and design thinking
- Builds critical thinking, collaboration, and creativity
- Uses low-cost, easy-to-assemble materials
- Supported by teacher guides and student workbooks



# 6 Hybrid Workbooks Series

## Grade Nursery & KG

The Hybrid Workbooks Series for Pre-K and KG blends physical and digital learning to support early concepts development while independence, curiosity, fostering and foundational digital skills through engaging, age-appropriate activities.

### Key Features

- Progressive hybrid curriculum for Pre-K and KG
- Activity books with integrated digital activities and simple assessments
- Supports classroom and blended learning models
- Encourages guided, interactive, and play-based learning
- Aligned with early learning standards and 21st-century skills
- Includes teacher guides and child-friendly practice tasks

