



What is STEM?

STEM is an educational curriculum that focuses on science, technology, engineering, and math (add arts for STEAM). This curriculum aligns with Next Generation Science Standards (NGSS) and prepares students for STEM-related careers.

Why are K-12 and Higher Education Focusing on STEM/STEAM?

By one estimate, 65% of today's grade-school kids will work in jobs that haven't been invented yet. These future jobs will require technical skills not widely taught today. STEM curriculums address this knowledge gap and help prepare students for success at college and in the workplace.

How Can Educators Use STEM in K-12 and Higher Ed?

- Stand-alone core, elective, or career technology education courses
- Supplement to a physics or math curriculum
- After-school club and STEM camps
- Community education
- Project-based curriculum or course projects
- Trade certifications
- Makerspaces

Building a STEM Practice in Schools

STEP : 1

Devices
 3D Printers
 Circuit/Coding Kits
 Charging Station/Carts
 Audio Visual Equipment
 Document Cameras
 Headphones
 Professional Development

STEP : 2

Step 1 Plus:
 Curriculum
 Creative Apps
 Robotics
 Digital Microscopes
 Virtual Reality Sets

STEP : 3

Step 1 and 2 Plus:
 HP Sprout
 HP Zvr
 Augmented Reality
 Drones
 Laser Cutters
 Workstations

How Can SYNNEX Help?

Our dedicated business development team can help with webinars, targeted trainings, STEM readiness assessment questionnaires, building a STEM practice, STEAM Night Out events, STEM plan implementations, and more.

STEM Careers

- Manufacturing
- Robotics
- Logistics
- Computer Analyst
- Software Development
- Financial Advisor
- Actuary
- IT Manager
- Web Development
- Operations Analyst
- Environmental Engineer
- Network Architect
- Mechanical Engineer
- Accounting
- Medical/Health Services

**For help or
 more information,
 email
education@synnex.com**



What Products and Solutions are Available for STEM/STEAM?

Devices - Windows and Chromebooks

ASUS
Acer
Fujitsu
HP Sprout
HPI
Lenovo
Samsung
Surface

3D Printers

Craftbot
Dremel
Robo 3D
XYZ

Interactive Boards

Cisco WebEx
LG
Mediatech
Optoma
Panasonic
Promethean
Ricoh
Sharp
Surface Hub
ViewSonic

Document Cameras

Elmo
Ken-A-Vision

Projectors

Epson
InFocus
Panasonic
Sony

Headphones

JPL
Kensington

Digital Microscopes

Ken-A-Vision

Robotics/Coding

Google CS First
Littlebits
Minecraft: Education Edition
Pi-Top
Sony KOOV

Charging/Storage

Belkin
Bretford
CompuLocks
Ergotron
Kensington
LapCabby
Tripp Lite

Curriculum

Alive Studios
Drawp
MyStemKits
STEMFuse

Furniture/Desks

Ergotron
Mooreco
Paragon

Workstations

Acer
HPI
Lenovo

Virtual Reality

HP ZVR
Lenovo Classroom VR Kit
SYNNEX Expedition Kit (ASUS)
Utopia 360

Creation Tools (Creative Software/ Apps)

Buncee
Explain Everything
Fluency Tutor
Frontier
Listenwise
Scribe
Soundtrap
WeVideo

Gaming

Alive Studios
Minecraft: Education Edition
WowWee

Device Protection

Belkin
Brenthaven
Cellaris Bundle
CompuLocks
Gumdrop
Incipio/Griffin
Infocase
MAX Cases
OtterBox
Targus
i-BLASON

Wireless Collaboration

BoardShare
Google Cast for EDU
HP Shareboard
Kramer VIA Campus
ScreenBeam

Cameras

Lenovo Mirage (180 degrees)
Samsung Gear (360 degrees)

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