



A COMPLETE STEM & INNOVATION PARTNERSHIP FOR K-12 SCHOOLS

Transform Your School Into a Future-Ready Innovation Campus

Complete STEM & Robotics Infrastructure. Dedicated STEM Teacher. Zero Upfront Investment.



Robotics



Coding



AI



IoT

A COMPLETE STEM & INNOVATION PARTNERSHIP FOR K-12 SCHOOLS

Schools Want STEM. Building It Is the Challenge.



High Infrastructure Cost

Building a modern robotics and STEM lab requires significant upfront investment.



Skilled Teacher Challenge

Finding and retaining educators who can teach robotics, coding, electronics, AI and emerging technologies can be difficult.



Theory-Heavy Learning

Students often learn concepts without enough opportunity to build, test and experiment.



Labs Become Outdated

Technology changes rapidly. A lab purchased today can require continuous upgrades and maintenance.

The result: schools want innovation, but implementation becomes expensive and operationally difficult.

The Next Generation Needs More Than Textbooks



Think computationally



Solve real problems



Build technology



Experiment and prototype



Work with AI and automation



Understand electronics and IoT



Develop creativity and innovation

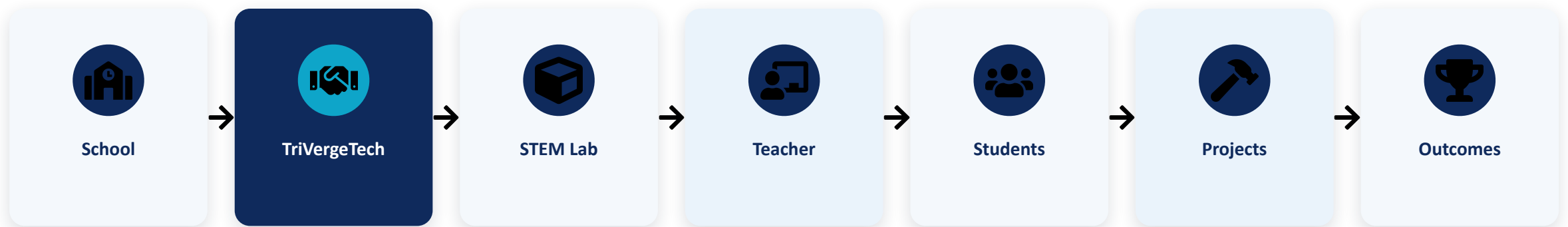


Turn ideas into working projects

The modern STEM classroom should be a place where students don't just learn how technology works — they build it.

Meet the TriVergeTech Managed STEM Lab

TriVergeTech partners with schools to establish and operate a complete STEM and innovation ecosystem.



One partnership. One managed ecosystem. Everything required to make STEM learning operational.

The school does not have to build the ecosystem alone.

Build a Modern STEM Lab Without the Capital Investment

TRADITIONAL MODEL

- ✗ Purchase equipment
- ✗ Build infrastructure
- ✗ Hire teachers
- ✗ Develop curriculum
- ✗ Manage maintenance
- ✗ Replace outdated equipment
- ✗ Manage the lab

TRIVERGETECH MODEL

- ✓ Invests in the lab
- ✓ Provides equipment
- ✓ Provides dedicated STEM teacher
- ✓ Provides curriculum
- ✓ Manages the lab
- ✓ Handles standard consumables
- ✓ Covers wear, tear & damage

SCHOOL INVESTMENT IN STEM INFRASTRUCTURE

ZERO Upfront Capital Expenditure

The school subscribes to the program through a flexible per-student monthly model — TriVergeTech bears every cost of equipment, damage and wear and tear.

You Bear Zero Cost. We Bear Every Risk.

From day one, TriVergeTech takes complete financial and operational ownership of the lab — the school is never asked to pay for equipment, repairs, or replacements.



100% Equipment Cost

TriVergeTech funds every robot, sensor, computer and tool in the lab — no purchase order ever reaches the school.



Wear, Tear & Damage Covered

Everyday wear, breakdowns and accidental damage are repaired or replaced by TriVergeTech at no cost to the school.



Consumables Included

Standard consumables used in classes and projects are restocked by TriVergeTech as part of the partnership.



No Hidden Charges

One transparent per-student subscription — no separate bills for maintenance, upgrades or breakdowns.



Zero Cost. Zero Risk. Zero Tension.

Your school never has to worry about budgets, breakdowns or replacements — that responsibility is entirely ours, for the life of the partnership.

WHAT'S INCLUDED

Everything You Need. One Managed Partnership.



Complete STEM Lab
Infrastructure



Robotics Kits & Components



Computers / Laptops



Arduino / ESP32 & Sensors



3D Printing & Fabrication Tools



Dedicated STEM Teacher



Curriculum & Lesson Plans



Student Assessments



Standard Consumables



Maintenance & Support



Student Portfolios



Certificates & Showcases



National Hackathon Access



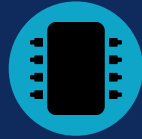
Progress Reports

A Lab Built for the Technologies of Tomorrow



ROBOTICS

Robots, autonomous systems and automation.



ELECTRONICS

Arduino, ESP32, sensors and circuits.



CODING

Programming, computational thinking and logic.



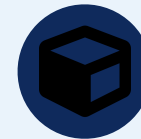
AI

AI applications and emerging technologies.



IoT

Connected devices and smart systems.



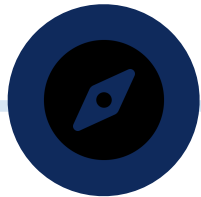
FABRICATION

3D printing, prototyping and design.

One Journey. From Curiosity to Innovation.



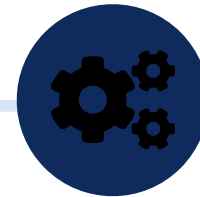
FOUNDATION



EXPLORATION



INNOVATION



ENGINEERING



ENTREPRENEURSHIP

Beginner → Advanced by grade

Students progress from beginner-level computational thinking and creative problem-solving to advanced AI, robotics, IoT, research and entrepreneurship.

Classes 4–6: Build the Foundation

FOCUS AREAS

- Computational Thinking
- Logic & Problem Solving
- Basic Coding
- Electronics Fundamentals
- Creative Problem-Solving
- Simple Robotics

STUDENT EXPERIENCE

**Learn → Experiment →
Build → Discover**

EXAMPLE PROJECTS

- ✓ Beginner robots
- ✓ Sensor-based projects
- ✓ Simple electronic systems
- ✓ Creative coding projects

Classes 7–10: Turn Ideas Into Engineering

FOCUS AREAS

- Innovation
- Design Thinking
- IoT & Smart Devices
- Engineering Prototypes
- Advanced Robotics
- AI-Powered Projects

STUDENT EXPERIENCE

**Identify → Design →
Prototype → Test → Improve**

PROJECT FOCUS

- ✓ Real engineering prototypes
- ✓ Connected smart-device builds
- ✓ Advanced robotics systems
- ✓ Early AI-powered applications

Classes 11–12: Build for the Real World

FOCUS AREAS

- AI Applications
- Advanced Robotics & Automation
- IoT Products
- Research
- Entrepreneurship
- Startup-Style Tech Projects

STUDENT EXPERIENCE

**Research → Build →
Validate → Present → Innovate**

WHAT THIS UNLOCKS

- ✓ Real-world applied AI projects
- ✓ Startup-style product thinking
- ✓ Independent research projects
- ✓ Confident technical presentation

Students Don't Just Learn. They Build.



Autonomous Robotics

Students build systems capable of sensing and responding to their environment.



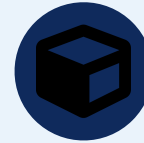
IoT Smart Devices

Students connect sensors, devices and data into useful systems.



AI Applications

Students explore practical applications of artificial intelligence.



Engineering Prototypes

Students turn ideas into physical working prototypes.

Every concept becomes an opportunity to create.

A Dedicated, Well-Trained STEM Educator Inside Your School

TriVergeTech provides experienced educators who are rigorously and specifically trained by TriVergeTech in robotics, coding, AI, IoT and lab safety before they ever enter your classroom.

THE TEACHER HANDLES

- ✓ Scheduled STEM classes
- ✓ Equipment handling
- ✓ Skill-based assessments
- ✓ Practical sessions
- ✓ Lab management
- ✓ Student project guidance
- ✓ Student portfolios
- ✓ Coordination with the school



The school does not need to recruit, train or manage a separate STEM department — a well-trained expert is already handled for you.

STEM Learning You Can Actually See and Measure



LEARN



BUILD



ASSESS



DOCUMENT



SHOWCASE

ASSESSMENT & REPORTING

- Project Evaluations
- Student Portfolios
- Student Skill Reports
- Annual Program Impact Report
- Teacher / Parent Progress Updates
- Skill-Based Assessments
- Project Completion Reports
- Portfolio / Showcase Reports
- Certificates & Awards

The school sees what students are learning, building and achieving.

From Classroom Projects to National Competition



ANNUAL INTER-SCHOOL NATIONAL-LEVEL HACKATHON

Students from participating schools come together to solve real problems, build technology, collaborate, compete, present ideas and showcase innovation — with TriVergeTech's own STEM teachers mentoring them every step of the way.



Special Teacher Mentorship

Our STEM teachers personally guide and coach your students to prepare them for the hackathon.



Annual School STEM Showcase

A dedicated stage for students to present their projects within the school.



Certificates & Awards

Recognition for participation, effort and outstanding project work.

Your School Focuses on Students. We Handle Everything Else.

TRIVERGETECH

- ✓ Lab investment
- ✓ STEM teacher
- ✓ Lesson plans
- ✓ Assessments
- ✓ Standard consumables
- ✓ Student portfolios
- ✓ Hackathon
- ✓ Equipment
- ✓ Curriculum
- ✓ Classes
- ✓ Lab management
- ✓ Maintenance
- ✓ Reports
- ✓ Showcases

SCHOOL

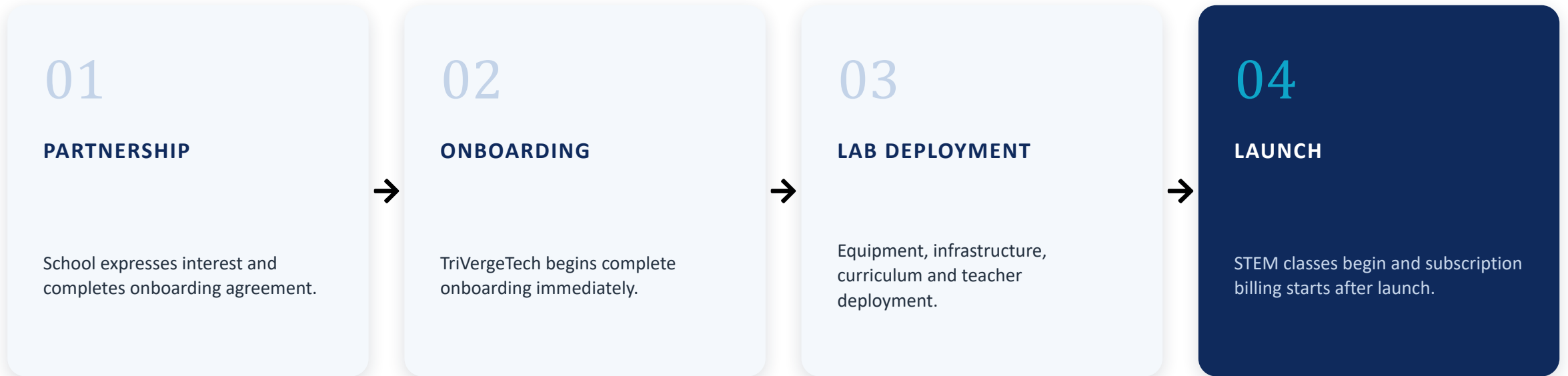
- ✓ Basic premises
- ✓ Internet connectivity
- ✓ Coordinate timetable with TriVergeTech

No tension. No extra staff. No hidden work.

School timetable + TriVergeTech coordination

Billing begins after lab launch.

From Agreement to STEM Lab in 30 Days



TARGET DEPLOYMENT

Within 30 Days

TriVergeTech manages the complete onboarding process.

Why Schools Choose the TriVergeTech Model



ZERO UPFRONT INVESTMENT

Access a modern STEM ecosystem without major capital expenditure.



COMPLETE MANAGEMENT

Lab, teacher, curriculum, assessments and operations under one partner.



AFFORDABLE PER-STUDENT MODEL

Flexible subscription aligned with school size and student strength.



NATIONAL INNOVATION ECOSYSTEM

Students get opportunities to showcase, compete and connect beyond their school.

TriVergeTech brings technology expertise, STEM/robotics program experience, teacher training experience and hands-on project delivery.

PARTNERSHIP INVITATION

Let's Build the Next Generation of Innovators — Together.

Give your students access to a complete STEM innovation ecosystem without the burden, cost or tension of building and managing it yourself.



Zero Cost, Zero Risk to the School



Well-Trained Dedicated STEM Teacher



Lab Live in 30 Days

THE NEXT STEP — TAKE 5 MINUTES TODAY

Express your interest → Complete the onboarding agreement → Begin implementation

TRIVERGETECH PVT. LTD.

Building a Nationwide Student Innovation Ecosystem

Phone: [Contact Number]

Email: [Email Address]

Website: [Website]

QR