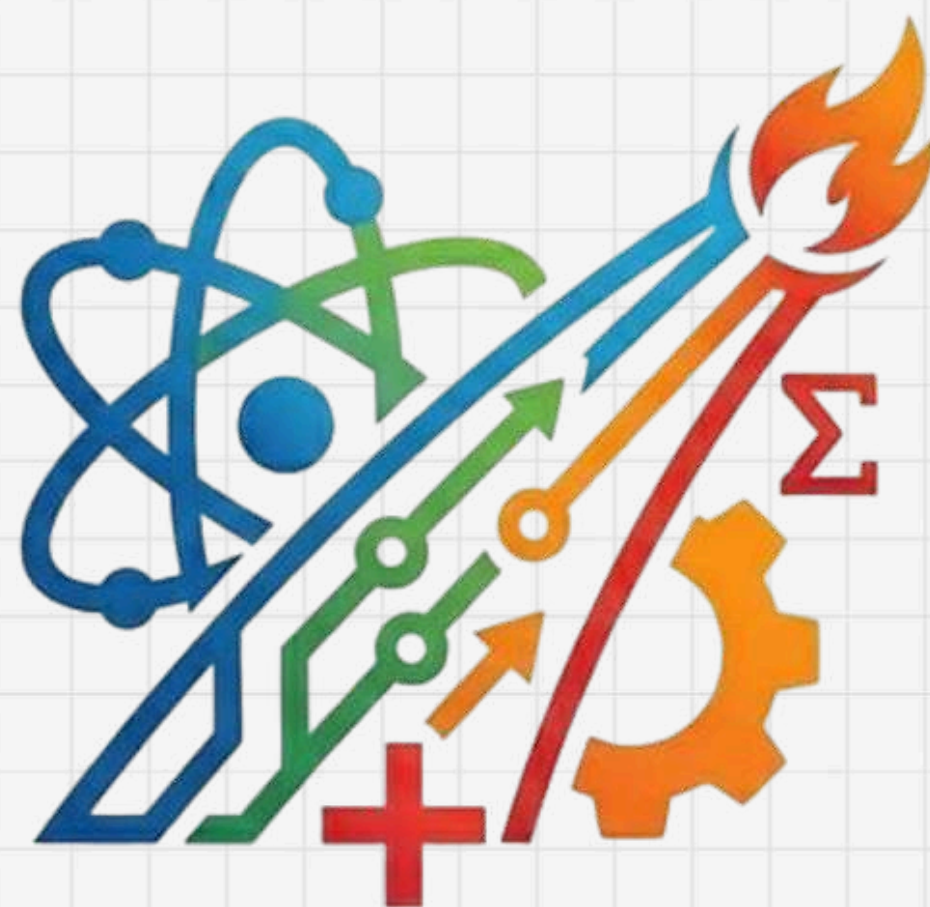
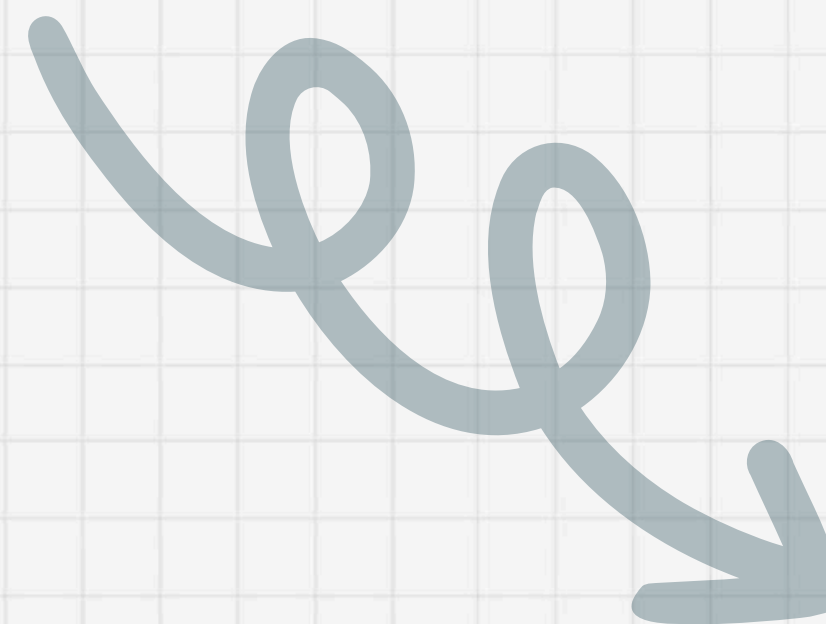




STEM EDUCATION LABS

SCIENCE | TECHNOLOGY | ENGINEERING | MATHEMATICS
INNOVATION • DISCOVERY



Transforming Classrooms, Empowering Communities, Inspiring Future Innovators



Thynk Unlimited

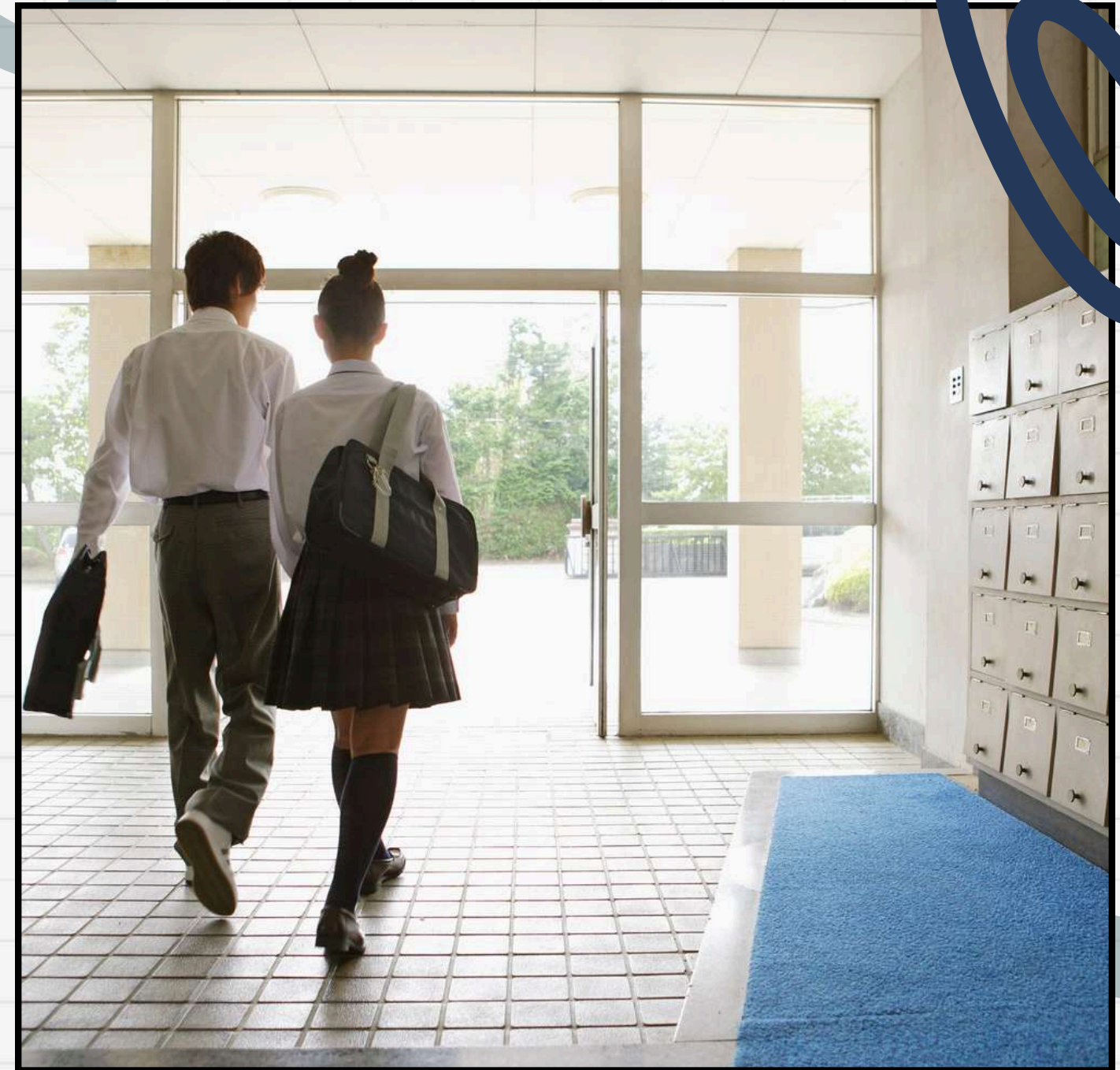


About Us



Who We Are ?

• **STEM LAB Education** is a social enterprise dedicated to transforming education through hands-on STEM Models. We empower students, especially in government and underserved schools, with practical skills, creativity, critical thinking, and innovation.



Thynk Unlimited

Our Vision & Mission



Vision



• To build an equitable and innovation-driven society where every student, regardless of their socio-economic background, has the opportunity to learn, explore, innovate, and contribute meaningfully to the nation's progress through STEM education.

Mission



To empower every child, especially those from underserved communities, with access to quality STEM education that inspires curiosity, nurtures creativity, and equips them with the skills and confidence to shape a better future.

Our Offerings



Sr.no	
1	Intervention Area
2	Interactive STEM Lab
3	Tinkering Labs
4	Science Laboratories
5	Smart Classroom
6	BaLA Paintings
	AR/VR Lab

The Problem

The Challenges

Education often lacks personalization and innovation, leaving students with skills gaps, limited access to tech-enhanced learning, and teachers without adequate training and tools.



Our Solution

Thynk Unlimited's approach

We offer a modern STEM-arts-life curriculum, tech-driven personalized learning, extracurricular programs, and partnerships with edtech and universities for global standards.



STEM Lab

Key Features

- **80 Interactive STEM Models.**
- **40 Engaging Educational Backdrops.**
- **80 Comprehensive Learning Guides.**
- **Aligned with School Curriculum for students from Class 5th to 10th.**
- **Sustainable Infrastructure with durable, low-maintenance Asset for the school.**
- **Encourages Innovation and Inquiry.**
- **Teacher training & facilitation support included.**
- **Monitoring & Evaluation.**



Benefits for Students

- **Develops 21st-century skills: critical thinking, collaboration, creativity, and communication.**
- **Bridges the gap between theory and practice.**
- **Fosters innovation and design thinking from a young age.**
- **Builds scientific temperament and a love for learning**



Science Laboratories

Key Features

- Lab Apparatus (with Multiple Sets)
- 12 types of Physics lab equipment's with multiple working units per item
- 47 types of Chemistry equipment's & apparatus, all in multiple sets
- 3 key Biology equipments with replicas for group learning

Key Highlights

- Fully aligned with State Board curriculum (Classes 5–10)
- Promotes team-based practical exploration and conceptual understanding
- A permanent, safe, and functional science learning environment

Furniture & Utilities

- Working tables with built-in sinks (water supply from source to table)
- Gas connections (cylinder-to-table pipelines for safe experiments)
- 2 basins per table to allow multiple students to work simultaneously
- Fire extinguishers, LED lighting, stopwatches, wall clocks for accuracy & safety
- Chairs with writing pads, stools, demonstration tables & chairs
- Specimen shelves, chemical shelves, and lockable almirahs

Smart Classroom

Key Features

- **65-inch interactive touch screen with multi-touch support.**
- **High resolution (Full HD / 4K) for crisp visuals.**
- **Built-in Android / Windows OS (depending on model).**
- **Pre-loaded educational apps & software for STEM, language, and digital learning.**
- **Wireless connectivity: Wi-Fi / Bluetooth.**
- **Multi-user annotation for simultaneous teacher-student interaction.**
- **HDMI / USB / Pen drive / Laptop connectivity for flexible content input.**
- **Screen mirroring & casting for mobile devices.**
- **Integrated audio speakers for clear sound**



Key Highlights

- **Enables interactive lessons with touch, gestures, and digital tools.**
- **Supports digital content, videos, and simulations for enhanced learning.**
- **Facilitates teacher-led and student collaborative activities**



Benefits

- **Makes lessons engaging and visually appealing.**
- **Enhances conceptual understanding through multimedia.**
- **Improves student participation and classroom interactivity.**

BaLA Paintings

Transforming School Walls into Learning Tools

- **BALA (Building as Learning Aid)** uses school infrastructure—walls, floors, corridors, stairs—as interactive teaching-learning spaces
- Encourages visual, activity-based, and contextual learning

Benefits

- Turns the school into a visually rich, always-on learning environment
- Reinforces classroom learning through daily interaction
- Promotes learning by seeing, playing, and engaging
- Beautifies infrastructure while boosting academic outcomes



What We Offer

- **40+ custom-designed, curriculum-aligned wall paintings**
- **Subjects covered: Math, Science, English, Social Science, General Awareness**
- **Includes: Multiplication tables, alphabet, periodic table, life cycle charts, Maps, puzzles, scientific processes, and motivational messages.**
- **Paintings are weatherproof, durable, and child-friendly**
- **Designs adapted to walls, staircases, corridors, and doors**



Tinker Lab

What we Offer

- **DIY Innovation & Prototyping**
- **Robotics & Automation Kits**
- **Electronics & Circuit Design**
- **Coding & Programming Activities**
- **3D Design & Fabrication**
- **IoT and Smart Technology Projects**
- **Design Thinking & Problem Solving**
- **Innovation Challenges & Competitions**
- **Teacher Training & Mentorship**
- **Project-Based Learning Environment**
- **Creativity and Entrepreneurship Development**



Benefits

- **Enhances Critical Thinking**
- **Builds Innovation Skills**
- **Encourages Teamwork & Collaboration**
- **Develops Future-Ready Skills**
- **Promotes Experiential Learning**



Model School

What we offer

- **Infrastructure upliftment:**
- **Renovation of classrooms, exteriors, floors, doors, ceilings, and windows**
- **Improved lighting, ventilation, and drainage systems**
- **Interactive learning zones: Reading areas, science/math corners, activity boards, and BALA paintings**
- **Green learning spaces: Indoor plants, vertical gardens, eco-boards**
- **Furniture upgrades: modular benches, ergonomic desks, open shelves, almirahs**
- **Visual and thematic branding: School name boards, motto/vision walls, inspirational quotes, and art murals**
- **Campus beautification: Landscaping, fencing, pathways, signages, and shaded seating areas**
- **Safety-first features: rounded furniture edges, fire extinguishers, first-aid corners**
- **Use of bright, age-appropriate color schemes**



Benefits

- **Converts schools into vibrant learning ecosystems**
- **Boosts student motivation, attendance, and engagement**
- **Builds a sense of pride and ownership among students and teachers**
- **Enhances learning outcomes through improved environment**
- **Strengthens the school's image as a model of excellence**
- **Transforms school into a model learning environment**
- **Enhances appeal to CSR donors, education departments, and communities**



AR/VR Lab

What we offer

- **AR/VR Headsets & Hardware**
- **Curriculum-Aligned Interactive Content**
- **Virtual Science Labs & Simulations**
- **3D Models and Visual Learning**
- **Virtual Field Trips**
- **STEM & Skill Development Modules**
- **Teacher Training & Support**
- **Installation & Maintenance**
- **Learning Assessment & Analytics**
- **NEP 2020 Aligned Solutions**



Benefits

- **Immersive & Interactive Learning**
- **Better Concept Understanding**
- **Increased Student Engagement**
- **Improved Knowledge Retention**
- **Safe Virtual Experiments**
- **Enhanced Creativity & Innovation**
- **Development of Digital Skills**
- **Real-World Learning Experiences**
- **Supports STEM Education**
- **Future-Ready Learning Environment**



Implementation Phases

**Phase 1: School Identification & Need
Assessment**

Phase 2: Setup & Installation

Phase 3: Teacher Training Program

Phase 4: Monitoring & Evaluation





Thank you so much

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