

Your 21st Century

SKILL CLUB

Total Solution for

TINKERING LAB & MAKERSPACE

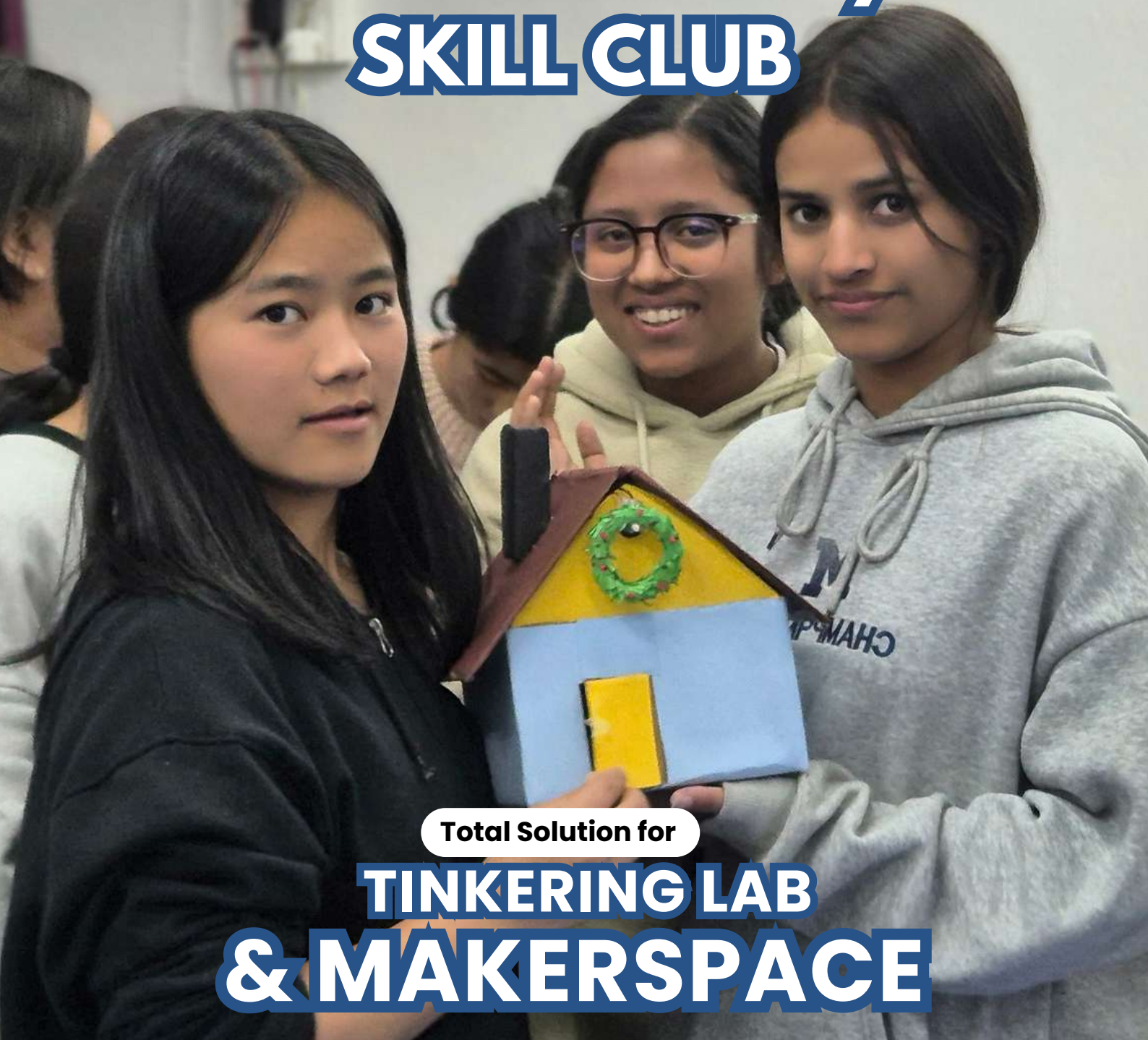


SKILL CLUB



ATL Labs | PM Shri Schools | NEP Workshops
STEM Programs | Tinkering Workshops

Your 21st Century SKILL CLUB



Total Solution for

TINKERING LAB & MAKERSPACE

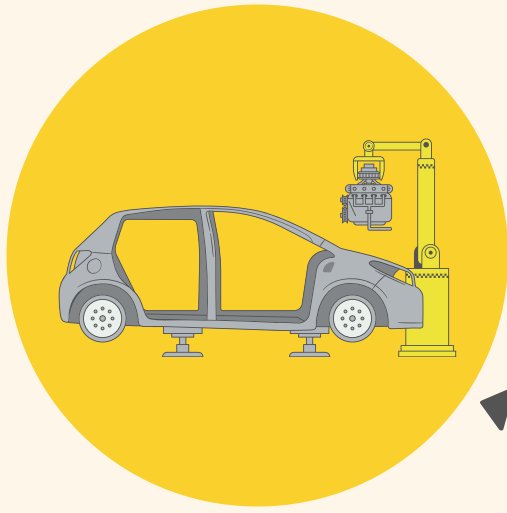


SKILL CLUB

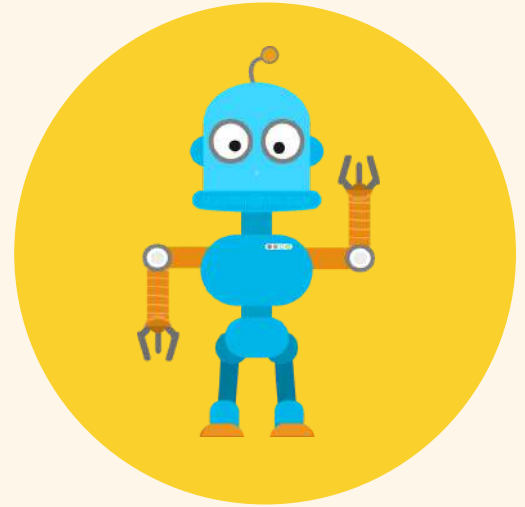


ATL Labs | PM Shri Schools | NEP Workshops
STEM Programs | Tinkering Workshops

COMPLETE SOLUTION FOR TINKERING LAB & MAKERSPACE



Automation



Robotics

Decision Making



Programming

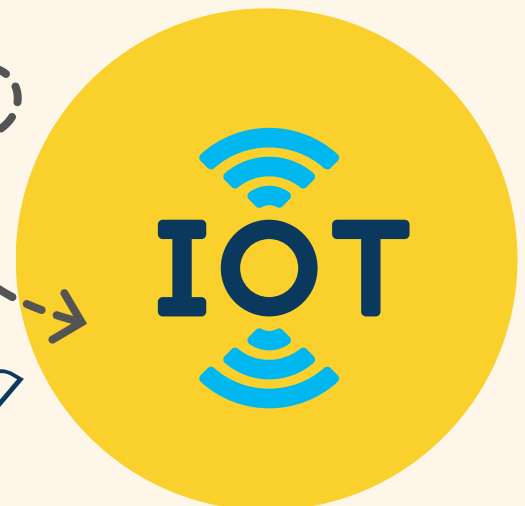
Critical Thinking

Design Thinking



AI & Coding

Data Analysis and Interpretation



Internet of Things

Computational Thinking

I'm a ROBO SCIENTIST

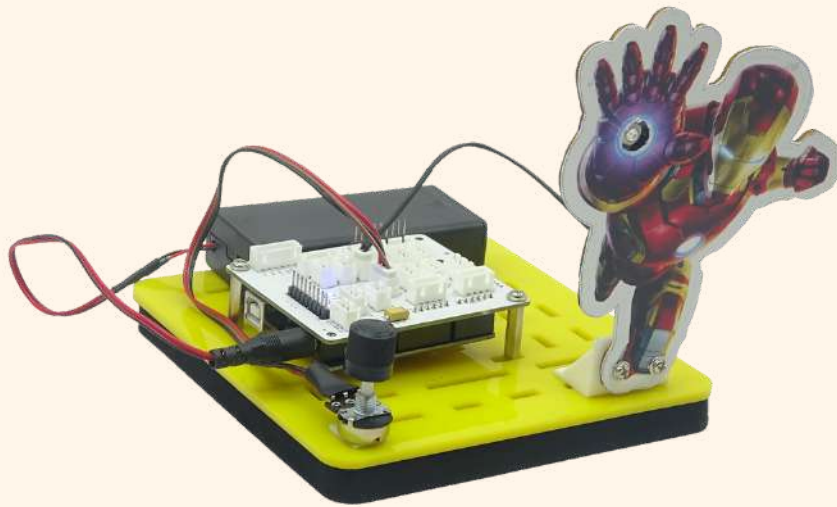
A kit designed for **Grades 6 to 12** where students Explore sensors & output devices, Program microcontrollers and Create amazing innovative projects with design thinking Philosophy.

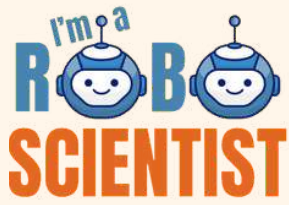
» Curriculum for IoT
Automational & Robotics

» Supported with Learning
Management System (LMS)



PRODUCT OUTCOME

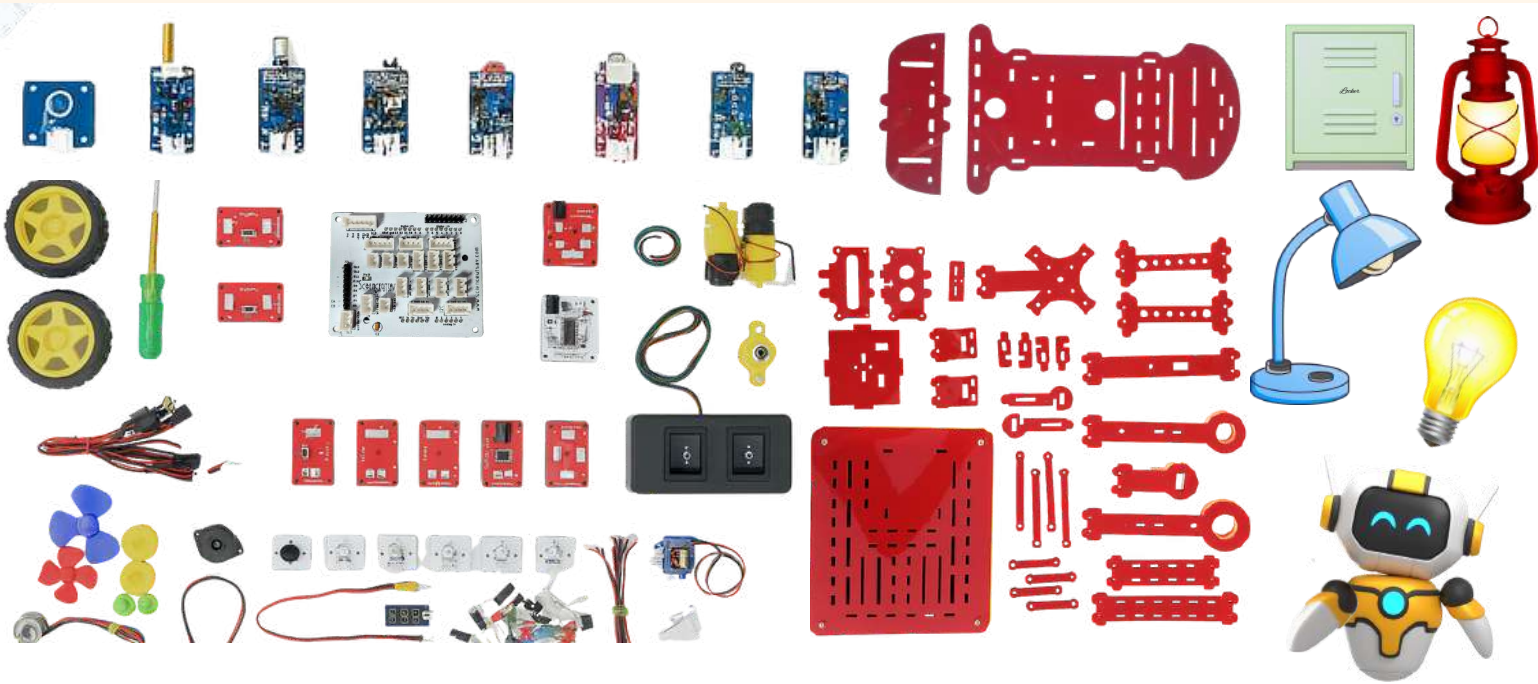




Microcontroller and Shield for easy use

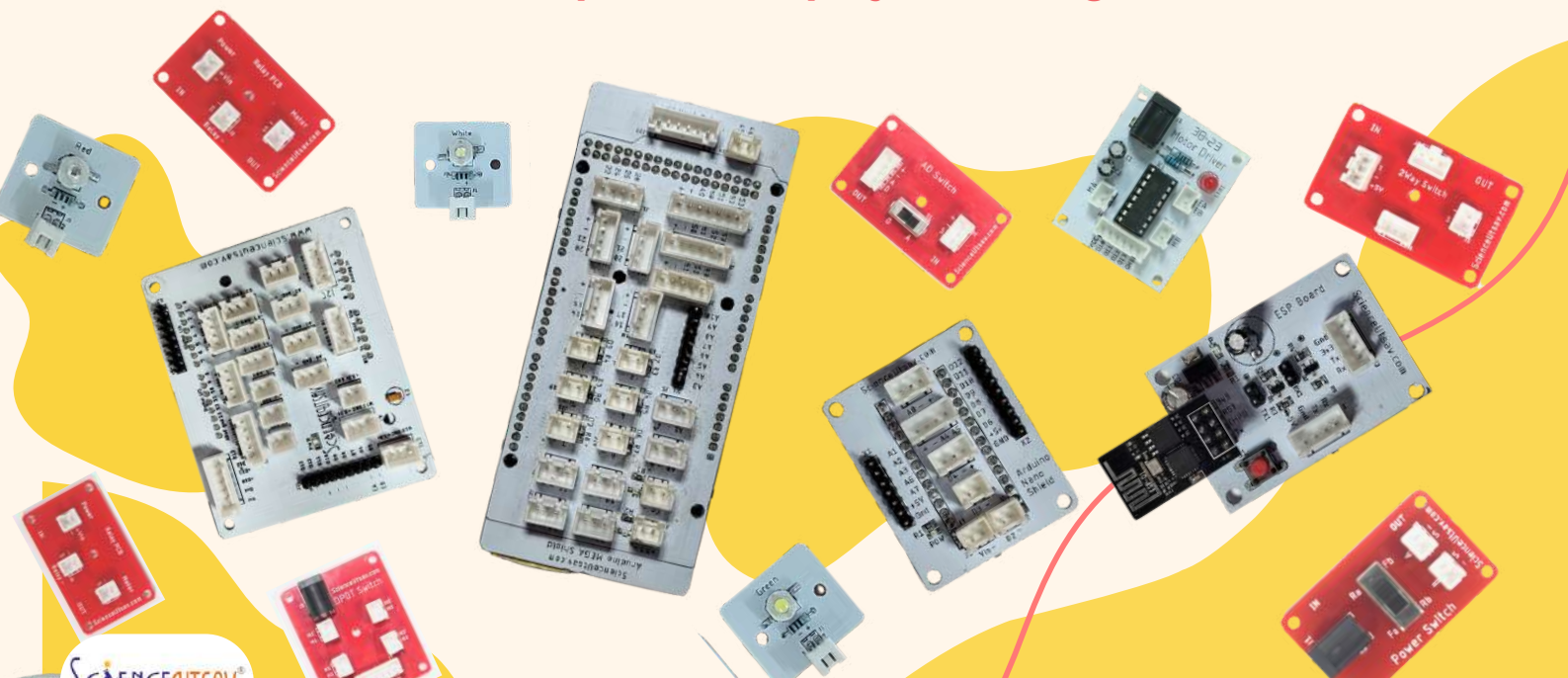
Sensor-Based IoT Kit | Design Thinking Toolkit

Structure and Templates for prototyping



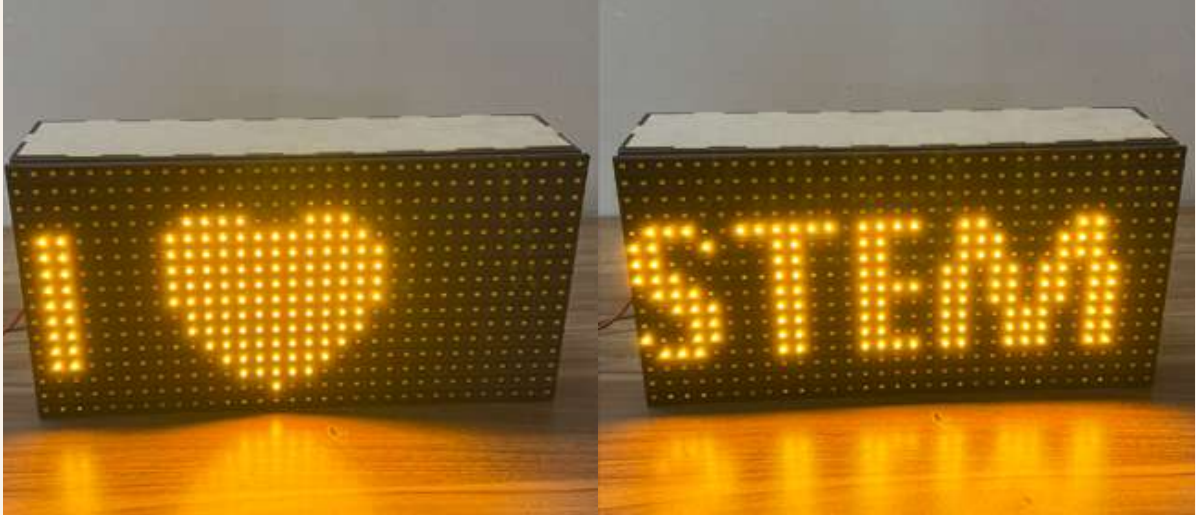
We provide

- Customised **Microcontroller Shield** for easy connection
- Input devices such as **Sensors** and **Switches**
- Output devices including **Motors, Displays, Buzzer, Speakers** and **LEDs**
- Communication modules like **Wi-Fi, Bluetooth, and RF**
- **I2C, SPI, UART** and other serial communication devices
- Additional essential **components** for project building

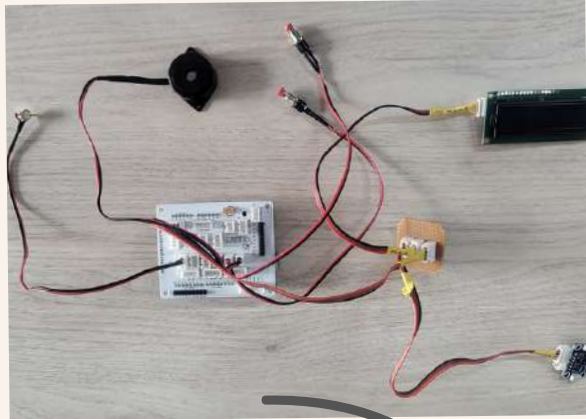
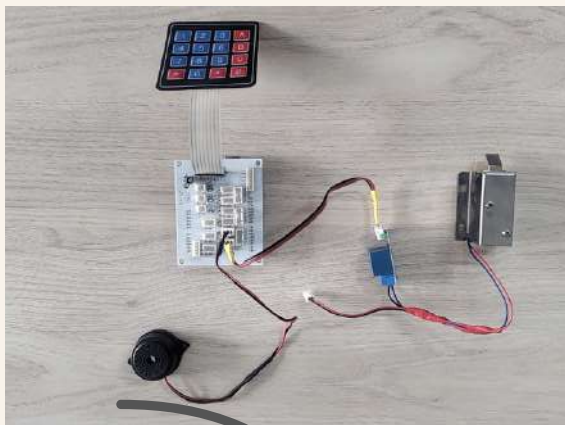


THINK-TINKER-TRANSFORM

**From ideas to innovations
Students tackle real problems**



**Market ready prototypes to solve realtime
community problems !!**



**Prototype
to
Product**





Plug & Play Prototyping

Custom-designed **PCB** with **RMC** (Relimate Connector) ports allows sensors and output devices to be connected instantly—no breadboard or jumper wire hassle.



Beginner-Friendly Design

Ideal for classrooms and STEM labs—clean wiring for easy, organized learning.



Universal Communication Support

- Includes dedicated ports for:
- I2C Devices (e.g., displays, RTC)
- SPI Devices (e.g., SD cards)
- UART Devices (e.g., Bluetooth, Wi-Fi modules)
- Motor Driver Connection



Custom RMC Cables Included

Pre-built RMC cables for all major sensors and output components ensure quick and error-free connections every time.

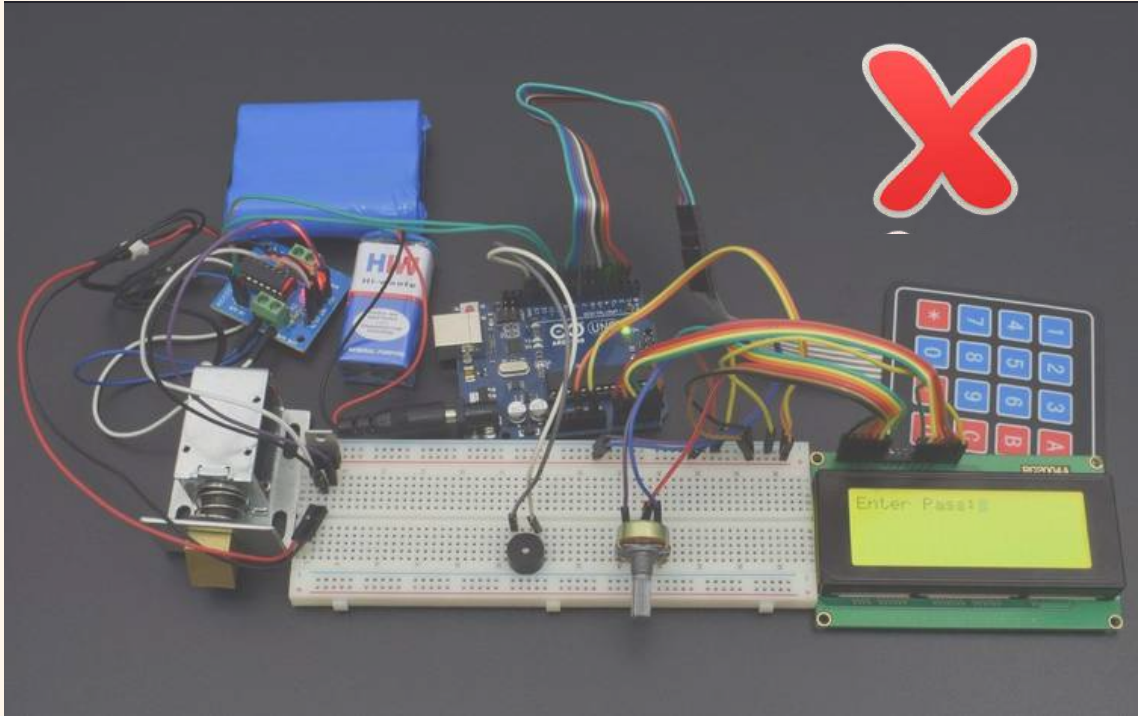


No Breadboard Mess

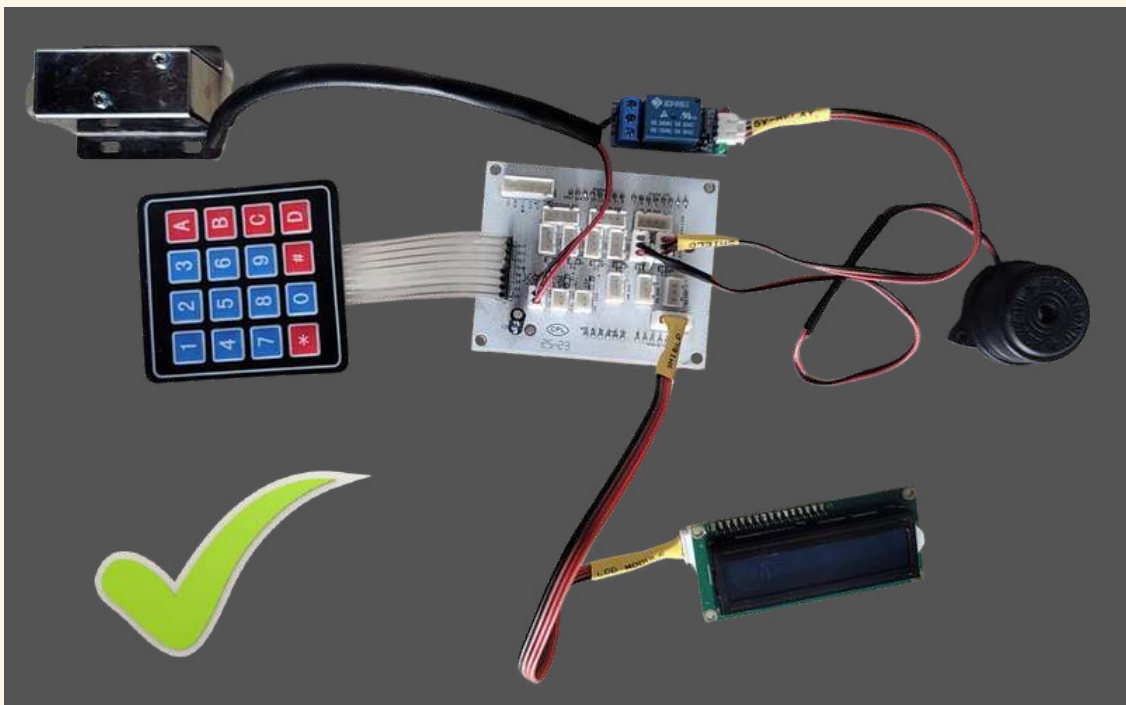
Replace the traditional breadboard setup with a clean, structured interface that enhances the prototyping experience and project durability.

"HASSLE-FREE INNOVATION"

➤ **Usual way** of connecting components to build a project



➤ **Effortless way** to connect parts and build with the **I'm a RoboScientist Kit**



Connection made easy using RMC based plug and play components



Designed for Innovation

Supports hands-on learning in IoT, robotics, automation, and design thinking, aligned with modern curriculum needs.



Complete Kit Solution

Comes with everything needed: PCB shield, microcontroller, sensors, motors, RMC cables, and sample project guides.



Modular & Scalable

Flexible design allows for future expansions and upgrades without needing a redesign.

WHY CHOOSE OUR ROBOTICS + IOT + AUTOMATION KIT?

GPIO Digital Pins

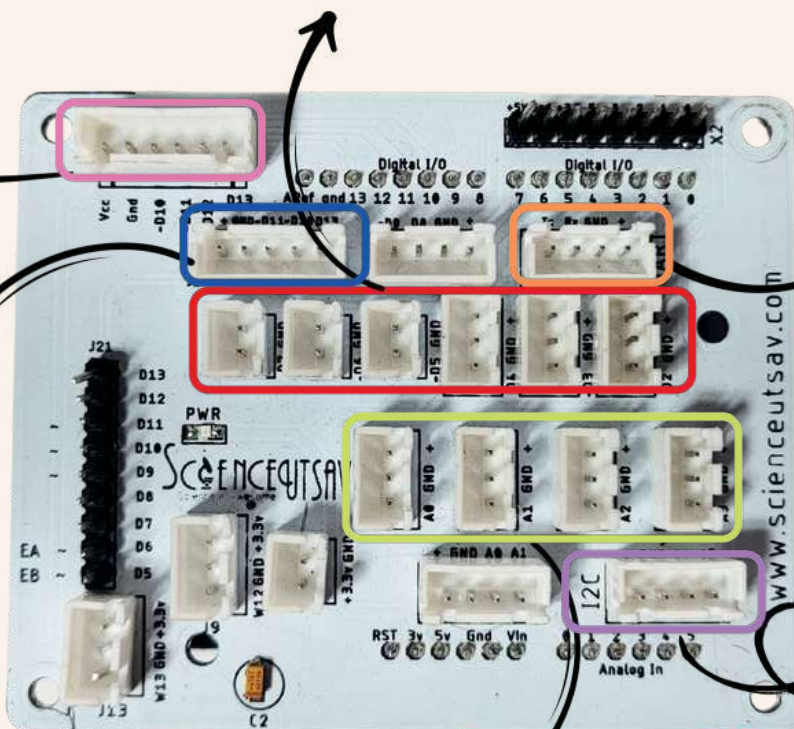
Motor Driver

UART Devices

SPI Devices

I2C Devices

GPIO Analog Pins



PRODUCT OUTCOME

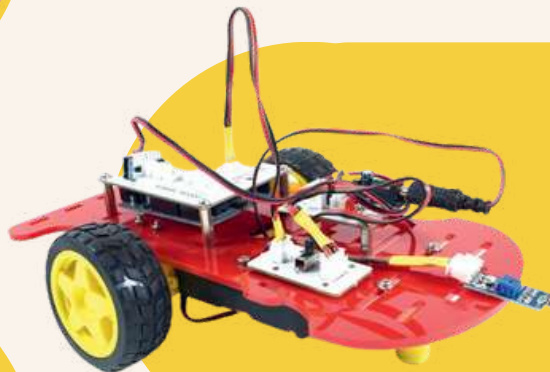
**Obstacle
Avoiding
Robot**



**Edge
Avoiding
Robot**



**Light
Following
Robot**



**Human
Following
Robot**



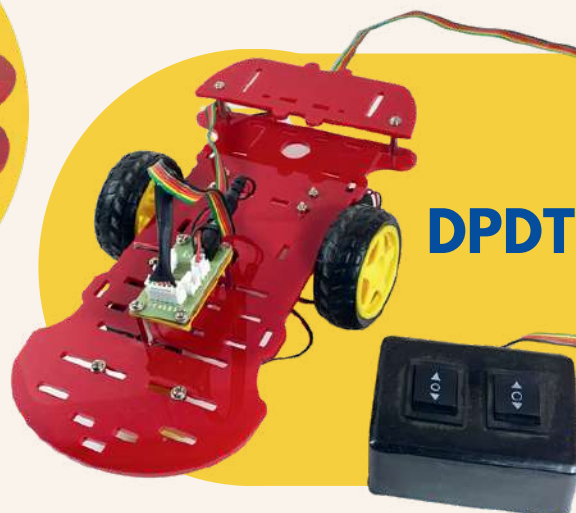
**Line
Following
Robot**



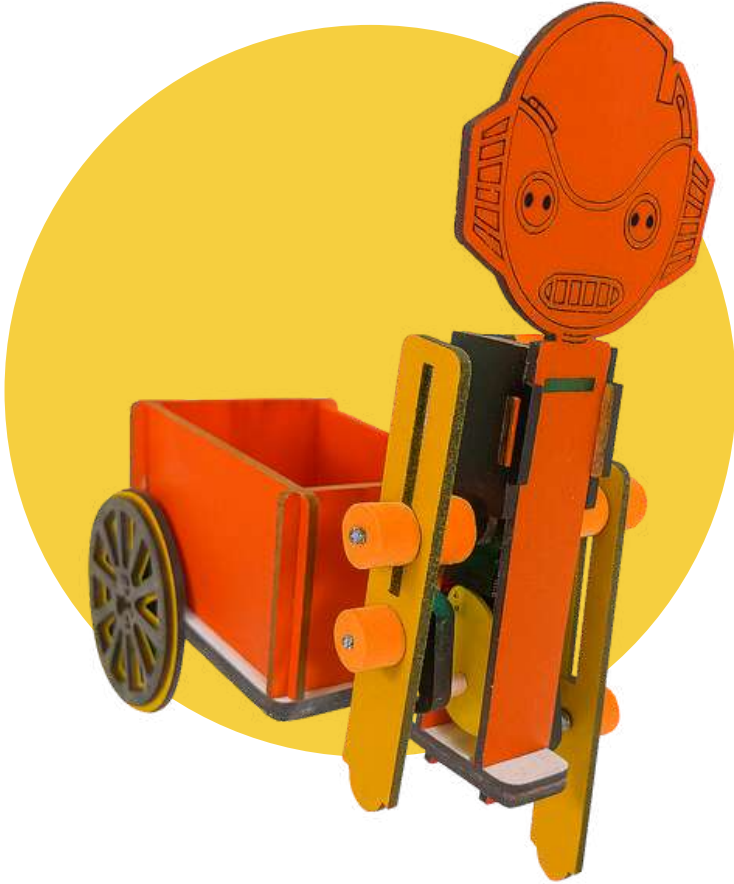
**Bluetooth
Controlled
Robot**



DPDT Robot



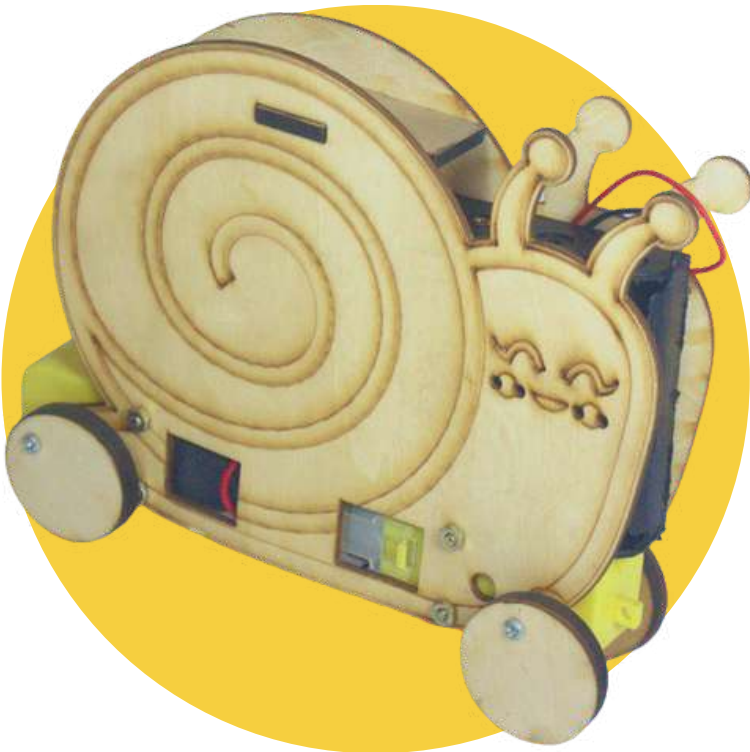
CODE FREE ROBOTS



Trek Robo



Triky



Slippy

SHAPE YOUR ROBO

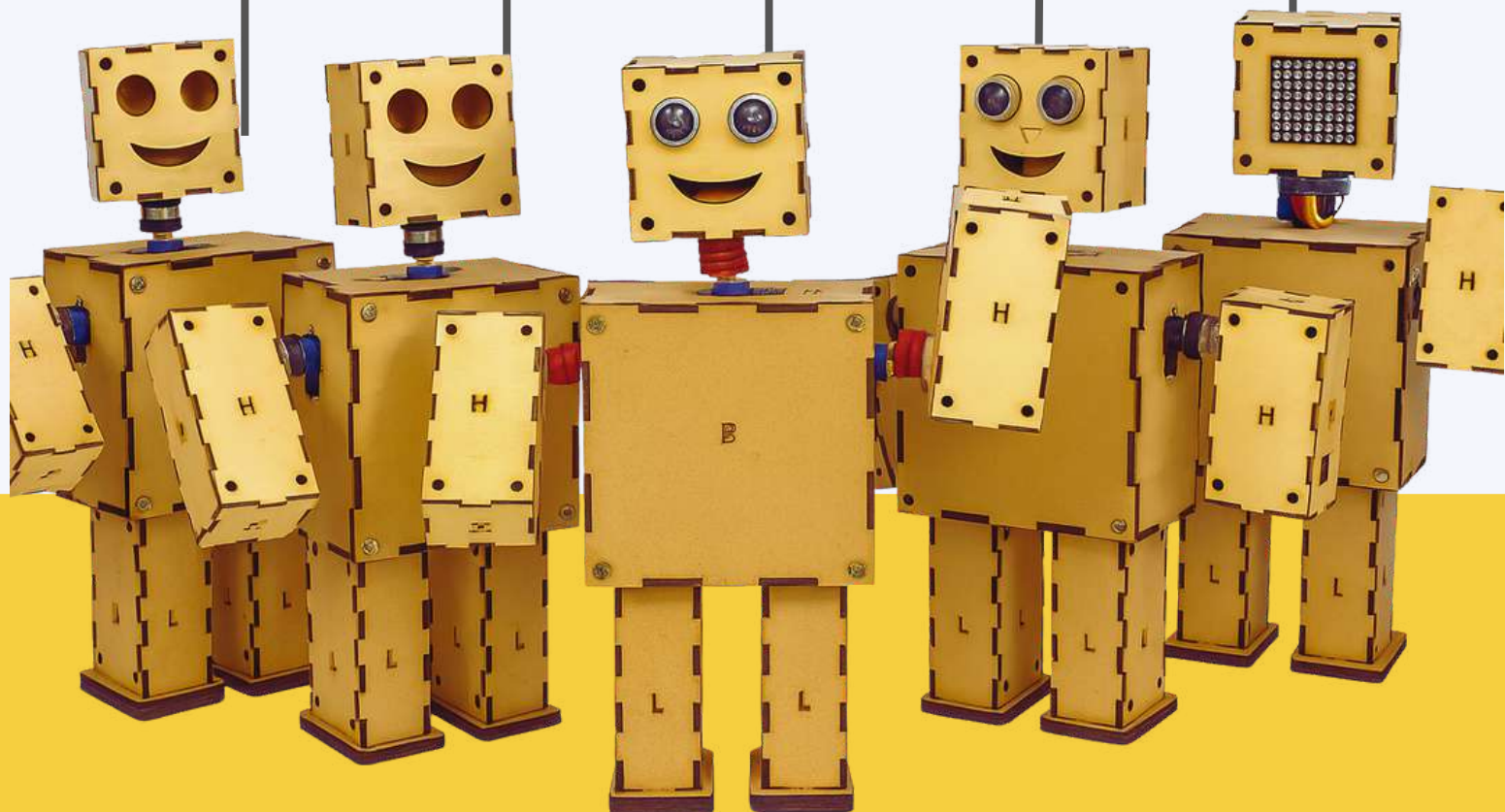
**Dancing
Robot**

Mist Robo

**Don't come
near me**

Shy Robot

Smiley



MAKER SPACE

Complete infrastructure setup with tools, workstations, and crafting equipment to create a hands-on STEM and robotics learning environment for schools.



Learn, Tinker & Build with Purpose

Key Features of the Maker Space :



End-to-End Lab Setup

Includes ergonomic furniture, student workstations, storage units, and safety tools for a ready-to-use lab.

Wide Range of Tools

Equipped with crafting, soldering, electronic, and prototyping tools.



Customizable Layouts

Modular furniture and flexible setups to suit various school spaces.

Safety & Durability

All materials are safe and built for long-term educational use.



Power & Connectivity

Structured curriculum with lesson plans, activity tracking, and teacher resources.

Robotics & Tinkering Materials

Includes sensors, motors, microcontrollers, and construction components.



Design Thinking Integration

Encourages creative problem-solving through real-world project building.

Teacher & LMS Support

Structured curriculum with lesson plans, activity tracking, and teacher resources.





- Introduction to Basic Electronics
- Hands-on Skills with soldering, PCB, Circuitry
- Project Building with Fasteners, Glue Gun, Craft materials

SKILL CLUB

Skill Development program is a hands-on program that turns ideas into real-world solutions through electronics, prototyping, and design thinking.

» **"Students taking part in the workshop"**



» **"Students taking part in the workshop"**



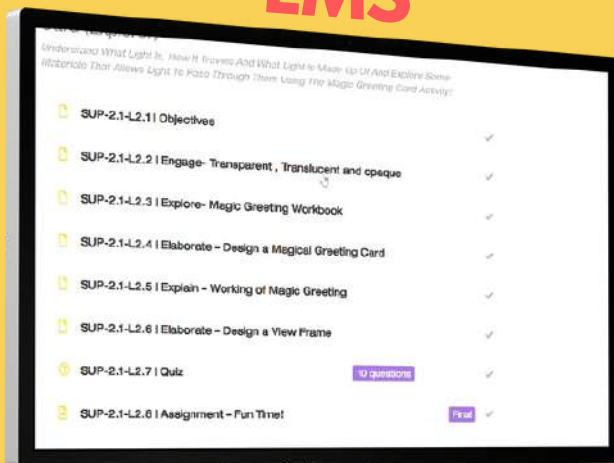


Curriculum based STEM kits

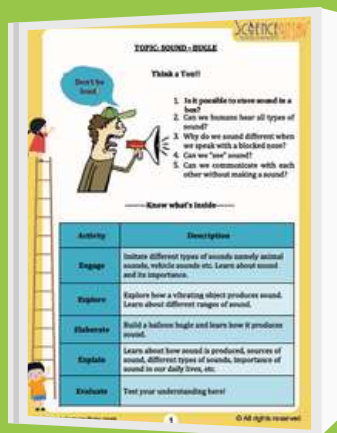
For all grades

LMS

1st to 10th
Standard



← LMS



← Workbook

160+
Products

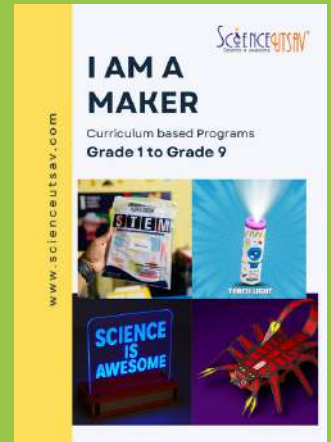




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- Higher Order Thinking Worksheets
- 5E Pedagogy Learning Methods
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Let's Tinker, Think, and Transform Our Communities!

*Join us for a hands-on
Design Thinking & Tinkering
Challenge where your ideas
become prototypes and your
prototypes become solutions!*



**»» GOT THE SPARK? <<<
LET'S IGNITE IT!**



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