NURTURING STEM SKILLS THROUGH APPLIED LEARNING

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hello@gethacking.com
gethacking.com
We carry over 30 brands specialising in STEM education and electronics, including a wide range of robots, tools, kits and individual components.
Extend your Digital Making journey
As a launch partner for the nationwide Digital Maker Programme with IMDA in 2017, we've seen digital making tools like the micro:bit grow from niche learning toys to become serious tools for learning, coding, and creating.
We have designed and carry a wide range of kits and components from ELECFREAKS, Kitronik, Hummingbird and DFRobot to power your next digital making idea.

Tinkercademy Tinker Kit
Start your Digital Maker journey with the micro:bit and a variety of easy-to-use components! This kit comes our very own custom Breakout Board, and a variety of modules to help you create dozens of amazing digital maker projects!

Kit Includes:
- Breakout Board
- Mini Servo
- OLED Display
- ADKeyboard
- Passive Buzzer
- Analog Rotation
- Soil Moisture Sensor
- PIR Sensor
- Crash Sensor
- 3 x Colour LED

· Perfect for the classroom
  Expand the possibilities of projects with a wide library of compatible modules.

· Suitable for beginners
  Wiring is simplified with colour-coded cables. You won't need a breadboard.

· Varied
  Includes 10 different modules to enable a huge range of projects, including an OLED module!

· Great bang for your buck
  One of the most value-for-money micro:bit kits.

· Get inspired with online resources
  Let’s Get Hacking (lets.gethacking.com) has a ton of micro:bit projects using the Tinker Kit components and we’re adding more all the time!
Perfect for sharing the micro:bit with friends, the micro:bit club is a 10 pack containing all the pieces needed to enjoy micro:bit in STEM groups, coding clubs, school classes or any other social gathering.

Contains:
- 10 x BBC micro:bit
- 10 x USB cables
- 10 x battery holders
- 20 x AAA batteries
The micro:bit has opened up a whole new world of physical computing to everyone. But how would you learn to use the micro:bit?

Our book provides a full lesson guide from beginner to intermediate, as well as projects that you can try on your own!

"Everything is presented in bite-sized chunks, just nice for a beginner like me [...] The creative layout and the use of humour sprinkled across the pages kept me going. Highly recommended for those who are new at this and hoping to get started on coding and electronics.”

- Cheryl Ng, Head of rero EDUteam, Cytron Technologies
micro:bit Basic Kit

This kit from ELECFREAKS is an entry-level kit, containing 5 common electronic modules in their easy-to-use Octopus form factor.

Contains:
- 1 x basic:bit
- 1 x LED Module
- 1 x Crash Sensor
- 1 x Potentiometer
- 1 x Servo
- 1 x ADKeypad
- 1 x USB Cable
- 1 x Battery Box
- 1 x Guidebook

micro:bit Smart Coding Kit

With the micro:bit Smart Coding kit, you can create wearable devices. Just by doing some simple assembly, you can DIY a micro:bit watch!

Contains:
- 1 x Power:bit
- 1 x Nylon watch strap
- 1 x micro USB wire
- 5 x M3x5 Inner cross screws
- 1 x Mini Screwdriver
- 1 x Guidebook

micro:bit Wonder Rugged Car kit

The Wonder Rugged Car kit is built on the base of the full-featured Wukong breakout board, integrated with a buzzer, 8-way servo drive, 2-way motor drive, 4 Rainbow LEDs, 8 LEDs and powered by a lithium battery.

The car has big wheels (8cm in diameter), and these are 4WD mecanum wheels, allowing 360° movement in all directions. As a result, the car is extremely nimble, and can fit into tight corners. Control it with another micro:bit using the radio module.
micro:bit Bling Blink Kit

Explore light play with this hands-on micro:bit kit. Featuring the individually-programmable LED strip module, your projects will bling and blink! Includes multiple projects to learn how to code the micro:bit with step-by-step instructions.

Projects include:

- **Automatic Rainbow Lamp** - A smart lamp in a spherical paper lantern that automatically lights up once the room is dark.

- **Bling Blink Bracelet** - Control this wristband’s rainbow display with a flick of your wrist or a wave of your hand!

- **Forget Me Not Pillbox** - Never forget your vitamins with this daily reminder that lights up and sounds an alarm.

- **Light Box** - A decorative light box with programmable lights can be the background of a homemade paper cut or 3D-printed design to better enhance your work with a hypnotising beauty.

- **Lightsaber** - Create your own lightsaber, and choose what colour you want it to be: the classic blue, or if you are sympathetic to the dark side, red!
The ELECFREAKS Smart Science IoT (Internet of Things) Kit contains many different sensors and modules to smarten up everyday items. The IoT:bit has an ESP8266 WIFI expansion board and serial port to communicate with micro:bit. An on-board buzzer for sound is included alongside an RTC clock for accurate timing without a power supply connected 24/7.

**Features:**
- IoT:bit
- OLED
- Sonar:bit
- 180 Servo
- PIR Sensor
- Dust Sensor
- Light Sensor
- Noise Sensor
- Water Level Sensor
- Soil Moisture Sensor
- BME280 Pressure Sensor

The ELECFREAKS Smart Home Kit transforms everyday products into smart home projects. Control your lights with your voice, or create a fan that turns itself on when it's too hot!

**Features:**
- Relay
- DC Motor
- 180 Servo
- USB Cable
- Screwdriver
- 3V Sensor Bit
- OLED Screen
- Crash Sensor
- Light Sensor
- Rainbow LED
- Submersible Pump
- Soil Moisture Sensor
- Noise Sensor
- TMP36 Temperature Sensor
**micro:bit Gravity IoT Starter Kit**

The DFRobot Gravity IoT Starter Kit is an all-in-one bundle to build Internet of Things projects. For beginners, DFRobot has developed EasyIoT, a free and easy-to-use educational IoT platform for storing and visualizing data.

This kit is compatible with hundreds of DFRobot Gravity Series modules, bringing endless possibilities to your IoT applications.

**Features:**
- Micro:Mate Expansion Board
- Obloq Wi-Fi Module
- Analog Capacitive Soil Moisture Sensor
- Waterproof DS18B20 Sensor Kit
- PIR (Motion) Sensor
- 5A Relay Module
- Speaker
- Analog Sound Sensor
- 9g Metal Gear Micro Servo

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**EDU:BIT Kit**

This all-in-one beginner-friendly micro:bit kit is specially designed to encourage students to explore STEM and coding. No soldering or complicated wiring needed.

It includes a book bringing you through 10+1 hands-on coding lessons, with creative and fun projects recreating childhood games like Rock Paper Scissors, Snakes and Ladders and more.

**Features:**
- 1x EDU:BIT board
- 2x Game maps
- 2x Game accessories
- 7x Grove cables
- 1x USB power and data cable
- 1x Servo motor
- 1x DC motor
- 1x Pulley wheel
- 1x Fan blade
- 1x Step-by-step Guide Book
The Ring:bit Car V2 is easily expandable with a line tracking module, an LED lightbar module and a sonar:bit. You can use these to code a line-following or an obstacle-avoiding driving program, or just have fun programming a dancing car with party lights.

**micro:bit Ring:bit Car V2 Kit**

The Ring:bit Car V2 is a programmable smart car for the BBC micro:bit, based on the ELECFREAKS ring:bit breakout board. Simply build it, and program it in MakeCode with our custom libraries.

**Includes:**
- Ring:bit breakout board
- Two servo motors
- Chassis (acrylic pieces)
- Easy-to-use rivets Wheel

**micro:bit Ring:bit Car Accessories**

The Ring:bit Car V2 is easily expandable with a line tracking module, an LED lightbar module and a sonar:bit. You can use these to code a line-following or an obstacle-avoiding driving program, or just have fun programming a dancing car with party lights.

**Includes:**
- Tracking module
- LED light-bar module
- Sonar:bit
micro: Maqueen Lite is an educational and graphical programming robot for STEM education. Includes a buzzer and RGB lights. Has line tracking, ultrasonic range finding and IR Sensors.

Features:
- All-metal miniature gear motor, good quality, and strong driving force.
- plug-and-play that Support for Makecode, will support scratch and python later.
- Easy to install and easy to use.
- Exclusive customized POM bearing wheel, flexible and reliable, and strong obstacle crossing ability

micro: Maqueen Plus is a more powerful and intelligent brother of the Lite. It comes with a larger and more stable chassis, more built-in functions and more expansion ports.

You can mount the HUSKYLENS on the Maqueen Plus. HUSKYLENS is an easy-to-use AI camera, which can learn to detect objects, face, tags, lines and colours just by clicking. The more it learns, the smarter it is.
Kitronik

micro:bit MOVE mini MK2 Buggy Kit

The Kitronik :MOVE mini MK 2 buggy kit is a 2 wheeled robot for the micro:bit that provides a fun introduction to robotics. Powered by two continuous rotation servo motors, the buggy also has 5 x RGB LEDs, which can be used as indicators, reverse lights, and more!

Features:

- Offers a fun introduction to the world of DIY robotics.
- Add code for autonomous operation.
- Use in conjunction with an App and control it over Bluetooth.
- Use the radio function and a second microbit as a controller.

micro:bit Hummingbird Bit Premium Kit

Inspire deep and joyful learning with the new micro:bit-powered Hummingbird Bit Robotics Kit. Turn anything into a robot using craft materials and electronics components. Reusable, explore design thinking and project-based learning with flexible, free, standards-aligned curriculum.

Features:

- Bit Controller
- Terminal Tool
- AA Battery Holder
- Green LED
- Red LED
- Yellow LED
- Tri-color LEDs
- FS5103B Servos
- FS5103R Servos
- Servo Wheels
- LEGO Adapters
- Servo Extension Cables
- Light Sensor
- Sound Sensor
- Distance Sensor
- Rotary Sensor
- User Manual
The Lesson-in-a-Box Simple Robotics Pack & Visual Computing pack is a complete set of electronics and teaching resources to enable successful cross-curricular lessons with minimal teacher effort for the micro:bit.

10 student and 1 teacher sets of Electronics (11 sets in total)

11 x Kitronik Klip Motor Driver Board for micro:bit.
22 x Kitronik clippable TT motor boards (with cable tie and screws).
22 x Right Angle Geared Hobby TT motors.
22 x 5 Spoke Injection Moulded Wheels for TT Motors.
11 x set of 10 clip leads.
11 x ping pong ball for robot castor.
A simple chassis template.
A USB Drive containing all resources

11 x Kitronik ZIP Halo HD for micro:bit.
1 x Klip motor driver for BBC micro:bit.
1 x Right angle geared hobby motor.
1 x Solderless motor board for right angle geared hobby motor.
1 x 5 spoke injection moulded yellow wheel for Right angle geared hobby motor.
1 x Miniature Crocodile Clip Leads, pack of 12.
A set of Pre-cut cardboard templates for each experiment:
A USB Drive containing all resources
Inputs

- 5-button AD Keypad (Octopus)
- Analog noise sensor (Octopus)
- Analog light sensor (Octopus)
- Analog rotation potentiometer (Octopus)
- Digital humidity, pressure and temperature sensor (BME280; Octopus)
- Digital push button (Octopus)
- Contactless infrared temperature sensor (GY-906)
- Ultrasonic rangefinder (HC-SR04P)
- Infrared receiver sensor (Octopus)
- Limit switch crash sensor (Octopus)
- Gas sensor (MQ3; Octopus)
- PIR motion sensor (Octopus)
- Pressure-sensitive conductive sheet (Velostat/Linqstat)
- Rain/Steam sensor (Octopus)
- Smoke sensor (MQ2; Octopus)
- Soil moisture sensor (Octopus)
- Tilt sensor (Octopus)

Outputs

**Light**
- 50-LED programmable RGB LED string (WS2811)
- 5mm/10mm through-hole LED
- 8-LED programmable RGB rainbow ring (WS2812)
- 10-LED GVS chainable flexible strip (WS2812B)
- 128x64 OLED display module (I2C)
- 16x2 LCD character display (I2C)
- Alphanumeric display (Octopus)
- RGB common cathode LED
- White LED backlight module

**Sound**
- Active buzzer
- Passive buzzer
- MP3 player module

**Motion**
- 28BYJ-48 stepper motor
- Continuous rotation servo motor
- DC gearbox motor
- Geekservo 9g 360 degrees (LEGO-compatible)
- Geekservo motor (LEGO-compatible)
- Mini servo motor
- Submersible water pump

**Power & Wiring**
- Crocodile clip
- micro:bit power supply module 3.3V 2A
- 1-channel relay (Octopus)
- L9110 2-channel motor driver board
Engage Learning through Robots

Robots are a great way to foster young learners' interest in sequencing, logic, computational thinking, and creativity. We've curated a series of robotics toys and kits to engage the most inquisitive minds.

Sphero RVR

Sphero RVR robot offers a bold new take on programmable robots.

It’s drivable straight out of the box, packed with a diverse suite of sensors and built for customisation.

Sphero RVR provides a hackable mobile platform for beginners, educators, students and tech hobbyists.

Tech Specs

- Infrared Communication
- Live Sensors
- Universal Expansion Port
- LED Lights
- Codeable

Sphero RVR Multi-pack

Sphero RVR Multi-Pack is the perfect way to expand your STEAM curriculum. Work in groups to build mobile projects, compete in a hackathon, or deploy RVRs IR capabilities and experiment!

Includes:
- 5 x RVRs and Batteries
- 5 x Roll Cages and Mounting Plates
- 5 x Sets of Color Cards
The BOL T Power Pack compiles the best of Sphero’s STEM solutions for schools and packages them for the classroom.

Teach robotics and coding skills in the classroom through hands-on STEM learning.

**Tech Specs**

- **Infrared Communication**
- **Waterproof Shell**
- **Live Sensors**
- **Inductive Charging**
- **Magnetometer**
- **Codeable**

**Includes:**
- 1 x Power pack case
- 15 x Sphero BOLT Robots
- 15 x Inductive charging cradles with USB cables
- 15 x Protractors with heading, directions, and clock
- 15 x Turbo covers
- Maze tape and 124 stickers
Computer Science Foundations (CSF) is a supplemental, standards-aligned curriculum designed to be taught in the classroom alongside Sphero BOLT. Across 3 courses and 72 lessons, teachers and students will explore STEAM principles through creative coding.

**Wonder Workshop Cue**

The award-winning Cue robot is designed for students who have an interest in coding.

- Help them transition from block-based code to state-machine and text-based programming.
- Supports kids’ self-guided exploration of programming languages, robotic capabilities, and personally meaningful projects.

**Features of Wonder Workshop Cue**

- **Real-time Bluetooth**: Fast, easy connections to Apple iOS, Android, and Kindle mobile devices.
- **3x Microphones & Speakers**: Real-time voice triangulation and personalized recording and playback.
- **3 Processors & Sensor Fusion**: Manages complex interactions among actuators & sensors - accelerometer, gyroscope, and wheel encoders.
- **2 Powered Wheels**: Quick navigation and distance tracking on nearly any surface.
- **User Programmable LED's and Buttons**: Customize your experience with Cue.
- **IR Receivers & Transmitters**: Enables Cue to find and interact with other robots.
- **Potentiometers & Dual Motors**: Supports head pan and tilt with accurate positioning.
- **3 Proximity Sensors**: Detects objects left, right, and back.
Make use of the extensive educator resources made available by Wonder Workshop, including a curriculum guide and challenge cards for easy classroom activities.

Dash & Dot

These smart, sturdy robots by Wonder Workshop have playful personalities as they light up, turn their heads and respond to voice. Programmable and customisable by using 5+ free apps on any compatible iOS or Android tablet, including block based programming in Blockly as well as Swift Playgrounds!
Build your knowledge through Electronics!
Electronics kits are no longer a pile of resistors, breadboards, and components*. With these kits, students can learn about fundamental concepts in circuitry and engineering, then use their skills to create real-world prototypes with technology.

*Though we’re happy to help you teach with those, too!

littleBits Base Inventor Kit
The introductory Base Inventor Kit from littleBits includes everything a student needs to turn their ideas into inventions! With a range of Bits that move, light up and make noise, kids gain STEAM (Science, Technology, Engineering, Art, Mathematics) skills by learning how prototypes are built.

Over 12 activities in the free Inventor App guide students through building fun inventions, including a voice-activated robotic gripper arm and a room-protecting intruder alarm.

Features
Complete kit: 10 Bits, 9 paper templates, 3 accessories, 9V battery with cable, and free app with instructions.

Free Inventor App: Over 12 activities with step-by-step instructions and tutorials that guide through building and customizing fun inventions to improve their rooms, help their communities, or save the world.

Modular system: All littleBits electronic blocks (even in other kits!) can be combined and reconfigured to create brand-new inventions.
The littleBits micro:bit Adapter connects micro:bit and littleBits enabling new learning experiences and creative inventions in a less-intimidating way.

It works by connecting the signals from the littleBits input and output bitsnaps to pins on the micro:bit edge connectors. No special coding libraries are needed.

littleBits STEAM Student Pack

Educators and parents can now bring STEAM (Science, Technology, Engineering, Art, and Math) learning to life - no experience necessary! This set will walk teachers and parents through every step with comprehensive lessons and guides.

Raise technology literacy
Students engage with electronics by completing 8 challenges that progress in difficulty, with 10 companion lessons for educators.

Integrate STEAM learning
With the inclusion of Art in STEM, students are empowered to think creatively and design and engineer solutions to real-world problems.

Make curricular connections
The 120+ page Teacher’s Guide connects challenges to American NGSS and Common Core standards, and inspires teachers to take concepts further.

littleBits STEAM Classroom Bundle
This collection of 10 STEAM Student Sets includes 16+ hours of standards-aligned curriculum.

Engage 20-30 Students

littleBits micro:bit Adapter

The littleBits micro:bit Adapter connects micro:bit and littleBits enabling new learning experiences and creative inventions in a less-intimidating way.

It works by connecting the signals from the littleBits input and output bitsnaps to pins on the micro:bit edge connectors. No special coding libraries are needed.
**littleBits Code Kit**

Includes:
- 16 Bits & 30 accessories
- 100+ activities 4 game-based inventions out of the box
- 14 video tutorials and 11 lessons
- Free desktop coding app compatible with Windows, Mac, and Chromebook

Build games. Learn to code.

This. Is. A. Game-changer. Designed in collaboration with educators, the littleBits Code Kit combines the magic of hands-on invention, the power of coding, and the fun and engagement of games.

**littleBits Pro Library**

littleBits giant collection of nearly every Bit provides limitless options for schools and makerspaces.

- Access STEAM Student Set and Code Kit content and hours of inventions and creative builds via littleBits Classroom
- 316 Bits; Engage up to 32 students
Let your creativity merge with science as you build exciting circuits using the Circuit Scribe conductive ink pen, sweet magnetic modules, and plain old printer paper. By placing the paper over a steel sheet, included in every kit, your paper becomes the base for blinking lights, beeping buzzers, and whirling motors.

### Classroom and Educator Kits

<table>
<thead>
<tr>
<th>Available Kits</th>
<th>Mini</th>
<th>Basic</th>
<th>Super</th>
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</thead>
<tbody>
<tr>
<td>9V Battery adapter with 9V battery</td>
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<tr>
<td>Dimmer</td>
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<tr>
<td>Blinker</td>
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<tr>
<td>Buzzer</td>
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<td>Multi-Colored LED</td>
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<td>Light Sensor</td>
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<tr>
<td>Conductive Ink Pen</td>
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<tr>
<td>Circuit Stencil</td>
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</tr>
<tr>
<td>Jumper Sticker Sheet</td>
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</tr>
<tr>
<td>Workbook</td>
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<td></td>
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<tr>
<td>Steel Sheet</td>
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</tr>
</tbody>
</table>
Chibitronics Circuit Stickers

Chibitronics Circuit Stickers are a creative and fun way to learn electronics.

The thought of learning circuits with wires can be intimidating! That’s why Chibitronics decided to use stickers—a medium that all young children are already familiar with. No need to worry about soldering, plugging wires, or handling clips. Instead use conductive copper tape and LED stickers to create circuits on paper or other surfaces!

Learn the basics of electricity and circuits while creating interactive artwork that lights up! It’s easy, fun, safe and creative!

Chibitronics STEM Starter Kit

The Chibitronics Starter Kit comes with an illustrated Circuit Sticker Sketchbook. The sketchbook walks you through five circuit concepts including paralel circuits, switch circuits and resistance-based sensors.

Every activity comes with a circuit theory lesson, a template with drawing activity and an open-ended activity for you to design and create your own circuit!
Chibi Premounted Chip

The Chibi Chip is the heart of the LTC system. You can use the Chibi Chip to bring life to your LED stickers by making them blink and fade.

An essential companion to the Chibi Chip, the Clip enables rapid testing and re-use of the Chip. With the Clip, attaching (and detaching) your Chip to circuits built on paper is as easy as using a clothespin.

The Love to Code Chibi Chip & Chibi Clip are combined in a premounted clip to make it easy to reuse the Chibi Chip across multiple projects and classes.

Chibi Creative Coding Kit

The Love to Code Creative Coding Kit is a fun, friendly and new way to engage with coding.

Included are two full-color story-based activity books for learning to program: one for learning text-based programming in ChibiScript and the other for learning visual block-based programming in Microsoft Makecode.

Contains:
- 1 x Love to Code Volume 1 Powered Binder
- 2 x Love to Code Books (ChibiScript and MakeCode versions)
- 1 Chibi Chip premounted on a Clip
- 1 programming cable
- 36 white LED circuit stickers
- 2 rolls of copper tape (16 ft/5m each)
- 1 sheet of conductive fabric tape patches (64 patches)
- 1 Love to Code circuit stencil
- 1 binder pouch
Raspberry Pi 4 Desktop Kit

Full desktop computer kit - just connect to HDMI display(s)

Includes:
- Raspberry Pi 4 Model B (2GB, 4GB or 8GB version)
- Raspberry Pi Keyboard & Mouse
- 2 × micro HDMI to Standard HDMI (A/M) 1m Cables
- Raspberry Pi 15.3W USB-C Power Supply
- Raspberry Pi 4 Case
- Official Raspberry Pi Beginner’s Guide
- 6GB NOOBS with Raspberry Pi OS microSD card
RPI Sense HAT

The Sense HAT is an add-on board for Raspberry Pi.
Made especially for the Astro Pi mission – it launched to the ISS in December 2015

The Sense HAT has an 8×8 RGB LED matrix, a five-button joystick and includes the following sensors:

- Gyroscope
- Accelerometer
- Magnetometer
- Temperature
- Barometric pressure
- Humidity

RPI Camera Board (8MP)

The Raspberry Pi Camera Module v2 is a high quality 8 megapixel Sony IMX219 image sensor custom designed add-on board for Raspberry Pi, featuring a fixed focus lens.

- 8 megapixel camera capable of 3280x2464 pixels
- Capture video at 1080p30, 720p60 and 640x480p90 resolutions
- All software is supported within the latest version of Raspbian Operating System
- CCTV security camera, motion detection, time lapse photography

Pimoroni Pan-Tilt HAT

Ideal for a mini CCTV system, this set of horizontal and vertical motion servos will give you Pi camera movement with minimum fuss

- 180 degrees motion with two servos
- Right-angled header pre-soldered to underside of HAT for servo and LED channels
- Slot to route servo, LED, and camera cables
- Acrylic mount to hold Pi camera and NeoPixel strip (with diffuser) in place
Every M5Stack development kit can be programmed through Arduino IDE, WebIDE UIFlow, Micropython, and Blockly, simplifying the development process for those requiring a joint hardware and software solution.

M5Stack has far-reaching IoT applications in industry, agriculture, and home, and it also empowers students to learn to code in STEAM classrooms.

Includes:
- 1x M5GO
- 6x Units
- 4x LEGO block
- 12x LEGO Connector
- 4x GROVE cable
- 1x Type-C USB cable (20cm)
- 1x User Manual

FIRE is an M5Stack Core device. Its modular, stackable, scalable, and portable device is powered with an ESP-32 core, which makes it open-source, low cost, full-function, and easy for developers to handle new product development on all stages include circuit design, PCB design, software, mold design, and production.

Includes:
- 1x FIRE
- 1x M5GO CHG Base
- 2x LEGO block
- 5x LEGO connector
- 1x M3 hex wrench
- 1x Type-C USB (100cm)
- 1x User Manual
Engineer

Teach STEM with hands-on experience

These kits encourage students to build, tinker, and invent. Combine these with recyclable materials - milk cartons, cardboard boxes, kitchen towel rolls - and prototyping has never been easier! This hands-on experience making and crafting fosters creative confidence and problem solving skills.

Makedo Cardboard Construction

If you can imagine it, you can build it - aeroplanes, rocket ships, dinosaurs, or perhaps something practical like furniture. Just use the safe plastic screwdriver and screws to connect cardboard pieces together! Suitable for children as young as 4 years old with some adult assistance. Nourish your child’s motor skills and creativity!

Take advantage of the accompanying iOS and Android mobile app that provides inspirational project ideas to help you get started!

Strawbotics Starter Kit

Build your very own strawbots with the open connector system

- 54 x connectors (in various shapes)
- 1 x DC geared motor
- 1 x AA 2x Battery Case with switch
Strawbees

Strawbees allows makers of all ages to exercise their creativity to build shapes and inventions using everyday straws! Consisting of simple straws and plastic connectors, it’s easy to measure, cut, connect, and build!

Unlock your imagination, experiment with different shapes and combine pieces to create movable joints to build whatever you want!

<table>
<thead>
<tr>
<th>Available Kits</th>
<th>Connectors</th>
<th>Straws</th>
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<tbody>
<tr>
<td>Maker</td>
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<tr>
<td>Inventor</td>
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</tr>
<tr>
<td>Crazy Scientist</td>
<td>800</td>
<td>400</td>
</tr>
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</table>

Robotic Inventions for micro:bit

You can build and code robots that move! This add-on kit adds robotic capabilities to Strawbees building projects and the micro:bit.

STEAM School Kit for micro:bit Users – Bundle
Over 4000 pieces for an entire classroom of students, with over 100+ challenges included.

Plus 10 x Robotic Inventions for micro:bit
Do you want to learn how to build...

- A Gingerbread Operation Game?
- A movable Cardboard Chameleon?
- Your own micro:bit powered Lightbox?
- ...and more?

#letsgethacking
Tinker Class Pte. Ltd. is a subsidiary of Tinkertanker Pte Ltd in Singapore.

Born out of Tinkertanker’s experience delivering fun and interactive digital making classes since 2012 through its education arm Tinkercademy, Tinker Class distributes carefully-curated technology kits and toys with genuine educational value, and crafts quality lessons and activities to enhance the learning experience of these toys.

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Contact: +65 6917 6920

tinkercademy.com  gethacking.com