

STEAM LAB**MODEL NUMBER : GT-STEAMLAB**

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PRODUCT INTRODUCTION

To provide a functional, inspiring, and comprehensive environment where theory meets practice, fostering skills in Science, Technology, Engineering, Arts, and Mathematics (STEAM) through experiential learning. The GT-STEAMLAB is a fully integrated, turnkey solution designed to transform any space into a dynamic hub for creativity, innovation, and hands-on learning. It's more than just a collection of equipment; it's a meticulously curated ecosystem that combines cutting-edge hardware, intuitive software, structured curricula, and inspiring design to empower the next generation of problem-solvers and inventors.

SERVICE FLOW**AI+ROBOTICS****AI PROGRAMMING BUILDING ROBOT KIT
[GT-P09]**CODE
700-730**MECHANICAL CONSTRUCTION KIT
[GT-E58]**CODE
700-720

Scan for Spec



Model
GT-P09
Coding
SCRATCH3.0
Models
9

Sensors
Encoder
Infrared line patrol sensors
Touch sensors
Buzzer
Ultrasonic sensor
Large servo motor
Controller

AGE
12+

Scan for Spec



Model
GT-S80

Material
Non-Toxic ABS Plastic

Models
80

Speed Motor
9V to 5V POWER MODULE
9V POWER MODULE
HIGH-SPEED MOTOR

AGE
10+**MECHANICAL CONSTRUCTION KIT
[GT-E58]**CODE
700-710**LARGE BUILDING BLOCKS KIT
[GT-E12]**CODE
700-711

Scan for Spec



Model
GT-E58
Online Guidance
GOTT® STEAM Platform

Models
58

Module
M Motor
Battery Holder

AGE
8+

Model
GT-E12

Online Guidance
GOTT® STEAM Platform

Models
12

Module
M Motor
Battery Holder

AGE
3+

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3D RPINTER

FDM 3D PRINTER [GT-3DPFDM]	CODE 700-780	LCD 3D PRINTER [GT-3DPLCD]	CODE 700-770
 Model GT-3DPFDM Online Platform Kiri (Chrome OS) / OctoPrint (Pi/Linux) Printing volume 100 x 105 x 100mm Features - Auto Leveling - LCD Screen - TF Card Intel - Support Multiple Printing Software AGE 12+		 Model GT-3DPLCD Online Platform CHITUBOX Printing volume 82 X 130 X 190 mm Features - Nov Matrix UV Light Source 3.5 Inch Touch Screen - High Efficiency Cooling System AGE 12+	
FDM 3D PRINTER-MULTI COLOR [GT-H2C]	CODE 700-790		
 Model GT-H2C Single-nozzle printing 325 x 320 x 325 mm Printing volume 325 x 320 x 325 mm Features - Auto Leveling - Touch Screen - High Efficiency Cooling System AGE 17+			

DRONE

AI PROGRAMMING DRONE WITH CAMERA [GT-D03]	CODE 702-143	EDUCATIONAL PROGRAMMING DRONE [GT-D01]	CODE 702-142
 Model GT-D03 Coding Yes, SCRATCH3.0 Flight range 100 m; Image transmission is 50m Communication method Bluetooth control Weight & Size 85g; 172*172*32mm AGE 16+		 Model GT-D01 Coding Yes, SCRATCH3.0 Flight range 10 - 15 m Communication method Bluetooth control Weight & Size 23.5g; 80*80*34mm AGE 10+	
PROGRAMMING EDUCATION DRONE [GT-D02]	CODE 700-141		
 Model GT-D02 Coding Yes, SCRATCH3.0 Flight range 100 m; Image transmission is 50m Communication method Bluetooth control Weight & Size 85g; 172*172*32mm AGE 16+			

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ARDUINO

ALL-IN-ONE PANEL [GT-ARDCSAIOP]	CODE 700-790	ARDUINO STARTER KIT [GT-ARDCSSK]	CODE 700-790
 AGE 10+ - Beginner-friendly kit with an integrated circuit-board panel. - Supports both Scratch (block-based) and C++ coding for versatile learning.  Scan for Spec	 AGE 10+ - Entry-level kit for foundational STEAM education. - Includes basic components (LEDs, sensors, motors) for hands-on experimentation.  Scan for Spec		
4WD MECANUM ROBOT [GT-ARD4WD]	CODE 700-790	ARDUINO C++ TANK ROBOT [GT-ARDCTK]	CODE 700-790
 AGE 14+ - Omnidirectional 4-wheel-drive robot with advanced maneuverability. - Ideal for learning robotics, sensor integration, and C++ programming.  Scan for Spec	 AGE 14+ - Tank-style robot with robust build and tread-based mobility. - Combines C++ programming with mechanical engineering concepts.  Scan for Spec		
SMART ECO-IoT KIT [GT-ARDCSSECO]	CODE 700-790	ARDUINO SMART HOME IoT KIT [GT-ARDSH]	CODE 700-740
 AGE 12+ - Focuses on environmental monitoring and sustainable tech solutions. - Combines IoT with eco-friendly projects (e.g., air quality sensors).  Scan for Spec	 AGE 12+ Smart home simulator with IoT integration and app-controlled features.  Scan for Spec		

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KINDERGARTEN

MAGNETIC BUILDING BARS [GT-CMBB]	CODE 700-750	PLANT GROWTH OBSERVATION KIT [GT-PGOK]	CODE 700-740
 AGE 3+ - STEM Educational Tool : Enhances creativity and spatial reasoning. - Durable Construction : Shatter-resistant ABS plastic for long-term use		 AGE 6+ - Root Observation Window : Transparent design for real-time root growth monitoring.	
ELECTRONIC BLOCKS SET	CODE 700-751	STEAM POWER BLOCK KIT	CODE 700-752
 Packaging Size: 37*8*28CM 108 games included		 Packaging Size: 34*23.5*7CM 36 games included	
TODDLER BUILDING BLOCKS WITH STORAGE BOX	CODE 700-753	SPACE CIRCUIT MAZE BLOCKS	CODE 700-754
 Packaging Size: 35*27*23CM 266pcs included		 Packaging Size: 28.5*8.5*18CM	

SCIENCE KIT

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LASER MACHINE**PORTABLE LASER MACHINE**
[GT-LASER01]CODE
7160-01**LASER CUTTER**
[GT-LASER02]CODE
7160-02

This empowers makers to transform digital ideas into precise, tangible creations in seconds.



This laser cutter empowers makers by enabling the precise, rapid transformation of digital designs into physical prototypes, accelerating the entire DIY creation process.

HAND TOOL AND SAFETY**HAND TOOLS BOX**CODE
7170-01**SAFETY: FIRST AID KIT**CODE
7170-02

This comprehensive Maker's Toolkit is the definitive starting point for hobbyists, students, and DIY enthusiasts.



Portable Safety Pack for Maker Lab

Manuals :

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & Specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty:

2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
STEAM LAB	GT-STEAMLAB	/

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SMART CLASS**SMARTBOARD**
[GOTT-AIT SERIES]CODE
639-212**VISUALIZER**
[GOTT-VISUALIZER-01]CODE
450-223

65/75/86inch
Dual Operating System :
Android 14 & Windows
System
Built In 48MP AI Camera
High Precision IR Touch
Speaker: 2*20 W



Camera Resolution: 13.0
Megapixels
Scanning Size: Up to A4
Focus Mode: Automatic
Focus

LED DISPLAY 2.5MM
[GOTT-LD-04]CODE
639-249**LED Display**
[GOTT-LD-03]CODE
639-247

Pixel Pitch (mm): 2.5
Module Size (WH) mm: 320 *
360
Module Resolution (WH)
pixels: 128 * 144
Cabinet Size (WH) mm: 320 *
360
Cabinet Resolution (WH)
pixels: 128 * 144



Standard 150inch, can
customize size
Operation Voltage:
100~240VAC 50/60Hz
Standby Power: ≤0.5W
Average Power
Consumption of Overall
Unit: 0.67KW

DIGITAL STANDING KIOSK
[GOTT-DSK-01]CODE
639-220**SMART TOUCH TABLE**CODE
7170-04

- Infrared multi-touch, fast response speed.
- Supports multiple media styles such as pictures, videos, music, files, etc.



The Powerful Smart Touch Table is an all-in-one interactive solution that combines high-definition touch technology, dual OS support, and smart features like split-screen to transform education and entertainment for children

TABLET 10.1"CODE
639-230**COLORFUL TABLE SET**CODE
7170-03

Memory: 4GB LPDDR3 RAM
(expandable to 12GB).
Size: 10.1" IPS display.
Camera:

- Front: 5MP, fixed focus.
- Rear: 8MP, autofocus.



Colorful maker lab
table and seat

DIGITAL LIBRARY



Introducing our groundbreaking Virtual Lab Module, a powerful solution designed to revolutionize the way workstations operate. Virtual Lab Module allows four workstations to seamlessly share the resources of a single host computer, delivering a myriad of benefits.

The primary purpose of our virtual lab module is to optimize resource utilization by employing virtual machines to distribute data among the four workstations. By utilizing this technology, organizations can achieve greater efficiency and flexibility in their operations.

Virtual Lab Module enables each workstation to operate independently while efficiently sharing the host computer's computing power, storage, and other resources.

SUCCESSFUL CASE



SJKC KENG KOON



BUKIT TAMBUN LIBRARY



SMKTAMAN WIDURI

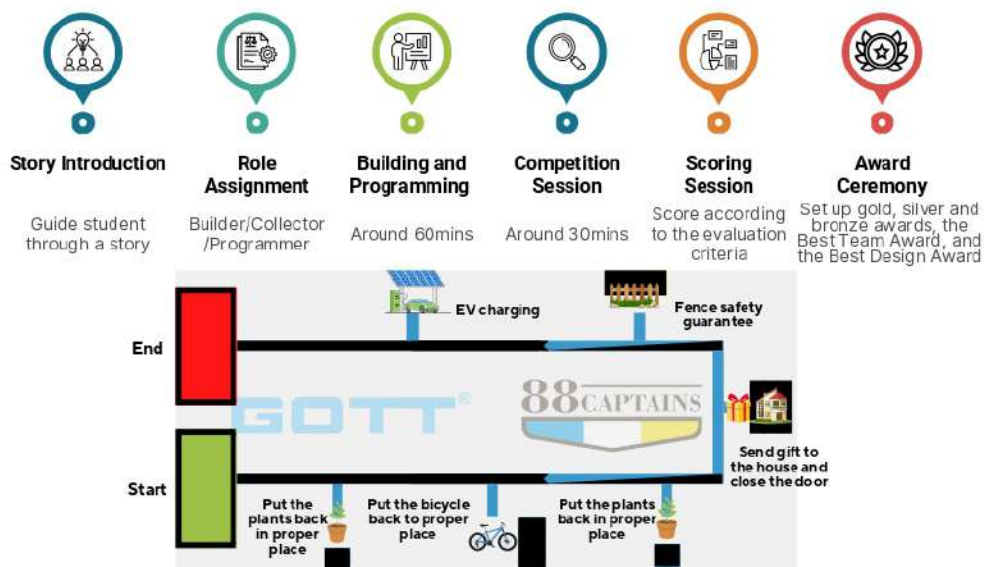
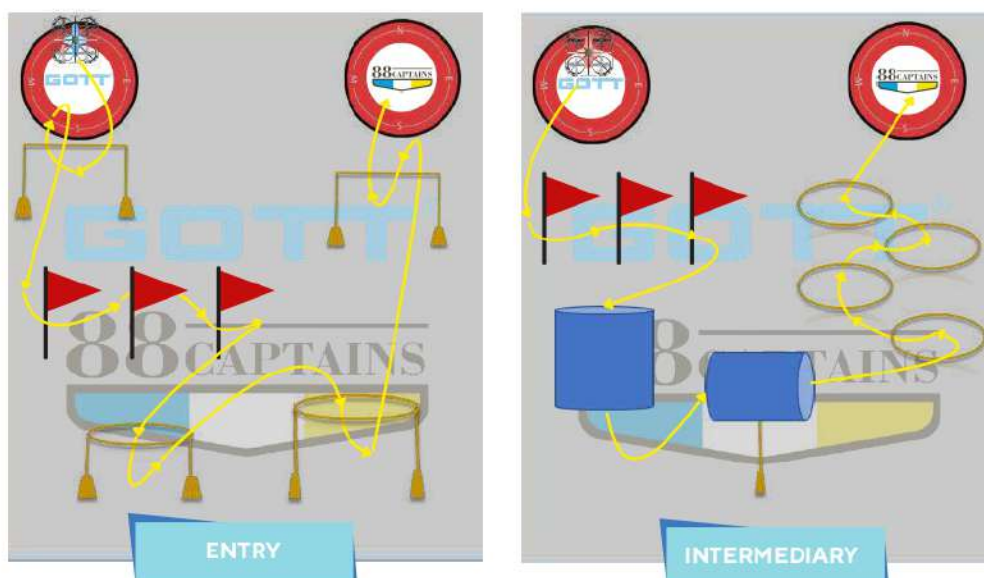


PARLIMEN ADUN BUKIT TAMBUN

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COMPETITION: ROBOTICS**COMPETITION: DRONE****Relay/Remote control/ Programming****ORDERING INFORMATION :**

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