

What the Lab Teaches: Real-World Project Domains

Our projects are grounded in diverse, real-world sectors, with complexity increasing at each level.

DEFENCE TECH



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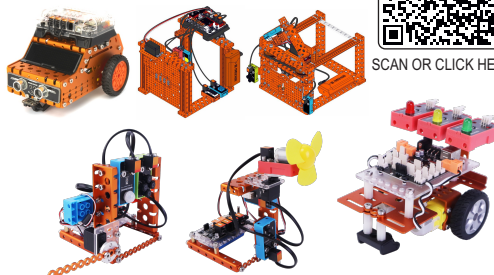


- Ball Launcher
- Detection Tank
- Obstacle avoidance tank
- Robot Arm Tank
- Rolling Tank

SMART CITY



SCAN OR CLICK HERE



- Coding Car
- Line Follower
- Obedient Gate
- Smart Fan
- Touch Doorbell
- Traffic Light
- Human Perception Light

AUTOMOBILE



SCAN OR CLICK HERE



- Driving Mechanism
- Gear Box
- Meshing Belt Driving Mechanism
- Slider-crank Mechanism
- Smart Robot Car
- Swerved Car

AUTOMATION



SCAN OR CLICK HERE



- Fire Fighter
- Self Balancing
- Smart Curtain
- Smart Hanger
- Ultrasonic Radar
- Walking Robot

AVIATION



SCAN OR CLICK HERE



- Drone
- Helicopter
- Jet Aircraft
- Rotary Wing Aircraft
- Space Shuttle
- Transport Plane

CONSTRUCTION



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- Engineering Bulldozer
- Engineering Excavator
- Engineering Mining Vehicle
- Engineering Robot
- Engineering Lifting Platform
- Robotic Arm
- Slewing Crane

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DISASTER MANAGEMENT



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- Engineering Bulldozer
- engineering excavator
- Engineering Mining Vehicle
- Fire Fighter
- Auto Fire Extinguisher

FORESTRY



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- Chainsaw Man
- Double Saw Armor
- V-Saw Machine
- Chainsaw Dog
- Handheld Large chainsaw

SECURITY



SCAN OR CLICK HERE



- AI Factory Gate
- Retractable Gate
- Auto Gate Open
- Smart Parking Lot
- Coded Lock
- Facial Recognition

SMART HOME



SCAN OR CLICK HERE



- Air Conditioner
- Coded Lock
- Gesture Fan
- Smart Curtain
- Smart Hanger
- Turn Down The Brightness
- Turn OFF reminder

AGRICULTURE



SCAN OR CLICK HERE



- Drone
- Helicopter
- Jet Aircraft
- Rotary Wing Aircraft
- Space Shuttle
- Transport Plane

CODING



SCAN OR CLICK HERE



- MIT App Inventor
- Python
- Arduino
- scratch

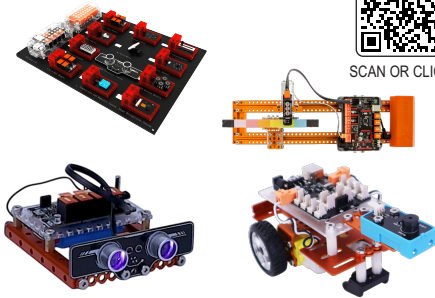
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ENTERTAINMENT



SCAN OR CLICK HERE

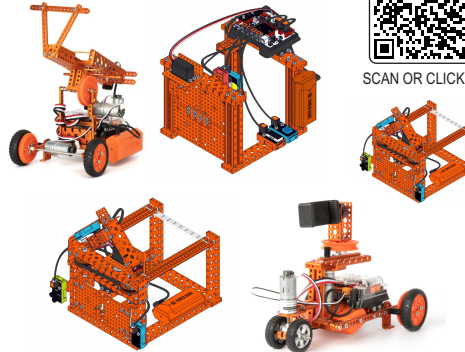


- Gesture Control Piano
- Magical Musician
- Music Robot
- Play Music

HOSPITALITY



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- Auto Gate open
- Bartender
- Camera Dolly
- Human Perception Light
- Touch Doorbell

WARHEAD



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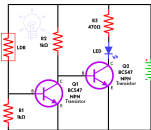
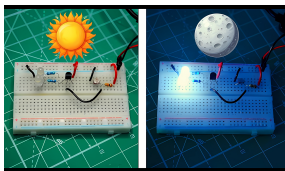


- Robot
- Dinosaur
- Armored Car
- Engineering Vehicle
- Snowmobile

ELECTRONICS



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- Automatic Dark Detection
- Clap Operated Switch Circuit
- Dark Detector Circuit
- Soldering Kit

SPACE



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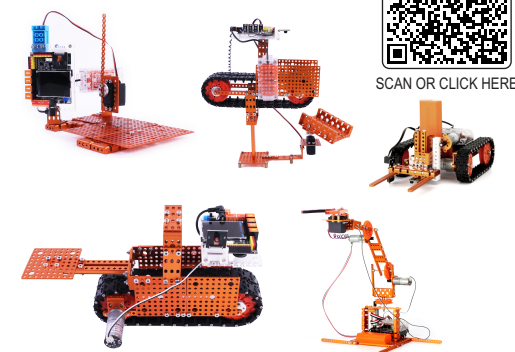


- Aerospace
- Anti Collision
- Line Follower
- Appocalypse Space Station
- Protect from Light

SMART FACTORY



SCAN OR CLICK HERE



- AI Security Gate
- AI Sorting Conveyor Belt
- AI Warehouse Robot
- Forklift
- Robotic Arm