



Inspiring Future STEM Innovators

Empowering schools with educational drone solutions, STEM learning resources, and hands-on experiences to inspire the next generation of innovators.





ABOUT LITEBEE

WHO WE ARE

Empowering STEM Learning Experiences

LiteBee is an educational drone solution provider specializing in drone-based STEM learning experiences for schools, educators, and organizations.

By combining innovative drone technology, learning resources, and implementation support, LiteBee helps partners create engaging STEM programs that inspire creativity, engineering thinking, and innovation.

Our Solution

Learn

Building Knowledge & Skills

Provide students and educators with structured STEM learning resources.

Includes

STEM Curriculum
Teaching Resources
Learning Pathway

Experience

Turning Learning into Practice

Enable hands-on learning through educational drone platforms and innovation activities.

Includes

Educational Drone Platforms
Programming Experiences
PilotX Competition

Empower

School & Training Center Support

Help schools and training centers establish sustainable STEM programs.

Includes

Teacher Training
Technical Support
Customized Solution

More than educational drones. Complete STEM learning solutions

STUDENT GROWTH PATHWAY

STEM DRONE I

Future STEM Innovators

LiteBee supports students through a progressive STEM learning journey, helping them develop creativity, engineering skills, and problem-solving abilities through hands-on experiences.

	Explore	Build	Create		Engineer
Ages	6-8	8-10	10-15	10-15	15+
Core Competency	Curiosity & Hands-on Learning	Computational Thinking	Engineering Design	Applied Engineering	Systems Thinking
Learning Experience	• Build • Assemble • Fly	• Code • Test • Improve	• Design • Build • Solve	• Customize • Optimize • Compete	• Program • Integrate • Automate
Drone Series	LiteBee Brix III	LiteBee Wing	LiteBee Wing + Expansion Kits	LiteBee Wing X	LiteBee Wing FM
Class Sessions	32 Class Sessions	40 Class Sessions	32 Class Sessions	/	32 Class Sessions



STUDENT GROWTH PATHWAY

STEM DRONE II

Future STEM Innovators

LiteBee supports students through a progressive STEM learning journey, helping them develop creativity, engineering skills, and problem-solving abilities through hands-on experiences.

	Innovate	AI +	Develop
Ages	15+	15+	18+
Core Competency	Creative Expression	AI Literacy	Research & Development
Learning Experience	• Choreograph • Coordinate • Showcase	• Perceive • Analyze • Create	• Prototype • Iterate • Deploy
Drone Series	LiteBee Stars	LiteBee Bot	Crazepony C+



Every learning space is designed to inspire exploration, collaboration, and innovation

Creating Real-World STEM Experiences

PilotX

Drone Competition

Inspiring Young Innovators Through Drone Competition

PilotX Youth is a global drone competition initiated by LiteBee, designed to provide young innovators with opportunities for technology exploration, competition, and collaboration.

Through programming challenges, drone racing, and formation flight competitions, students apply STEM knowledge, develop technical skills, and showcase their creativity.

PilotX Youth Drone Challenge

Logistics Challenge

Program drones to complete recognition, transportation, navigation, and precision delivery tasks.

Develop: Programming · Automation · Problem Solving

Mars Challenge

Explore future exploration scenarios through drone programming and autonomous missions.

Develop: Aerospace Thinking · Control Skills · Innovation

Drone Show Challenge

Design synchronized drone performances through programming, choreography, and swarm control.

Develop: Creativity · Collaboration · Engineering



Programming · Engineering Thinking · Problem Solving · Team Collaboration · Innovation

STEM IMPLEMENTATION SYSTEM

STEM DRONE SPACE

Building STEM Learning Environments

LiteBee helps schools & training centers design and build STEM drone learning environments that combine teaching, practice, engineering, and innovation.

STEM Laboratory Solution

Teaching Area

Supporting classroom instruction and collaborative learning.

Product Experience Area

Showcasing educational drone technology and learning outcomes.

Simulation Area

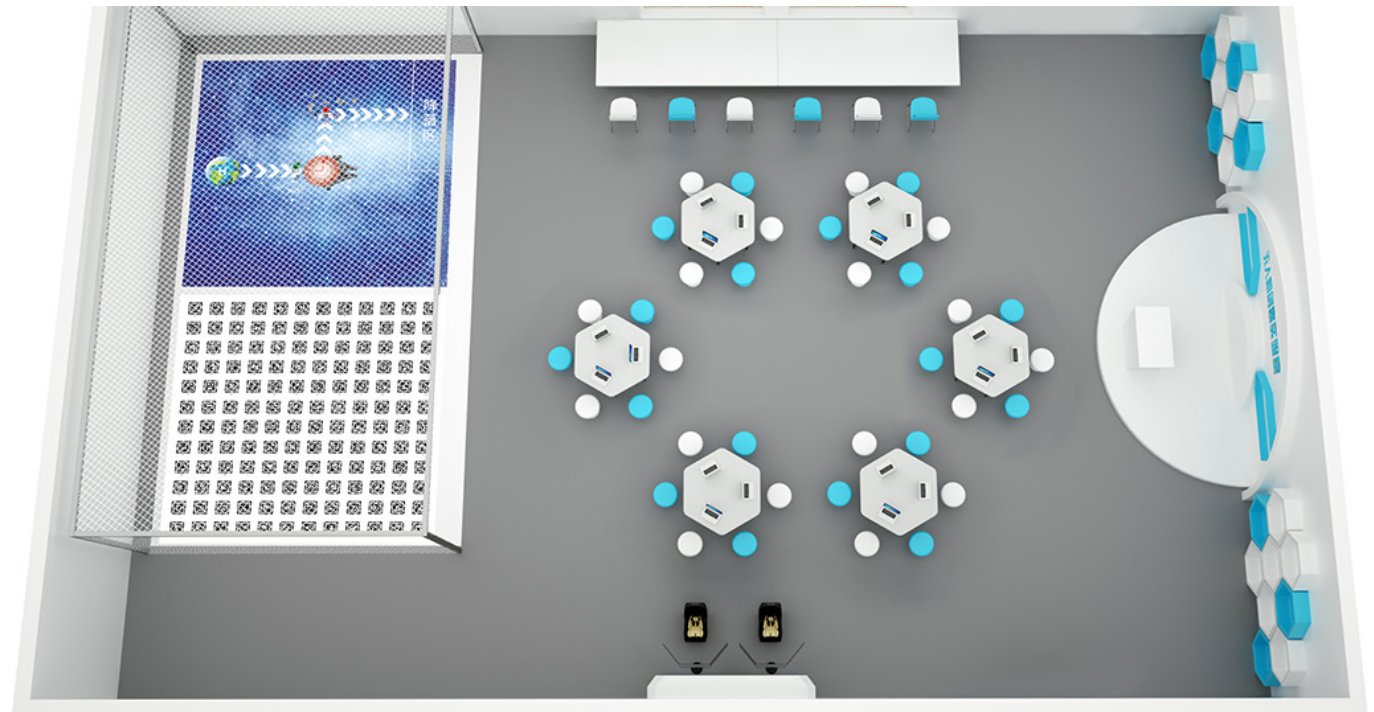
Providing safe programming and flight practice.

Engineering Workshop

Supporting building, testing, maintenance, and improvement.

Flight Training Area

Developing practical drone operation skills.



Product Display Zone

Simulation Flight Zone

DIY Repair Zone

Flight Training Zone



Technology is not the destination. It is the platform that empowers learning

PARTNER DEVELOPMENT

SUCCESS

Supporting Long-Term STEM Success

Building successful STEM programs requires more than technology.

LiteBee supports schools and partners with resources, expertise, and services throughout their STEM education journey.



← Educator Training

Empowering teachers with STEM teaching methods and technical knowledge.

Technical Support →

Ensuring reliable deployment and continuous assistance.



↑ Curriculum Support

Providing teaching resources and project-based learning guidance.

Customized STEM Solutions →

Developing customized educational drones, curriculum programs, and STEM learning solutions.



← Partner Enablement

Supporting partners with resources, collaboration, and growth opportunities.

GLOBAL EDUCATION NETWORK

GLOBAL STEM

Building a Global STEM Partnership

LiteBee works with schools and training centers, educators, and partners worldwide to expand access to meaningful STEM learning experiences.



Contact Us

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Learn. Experience. Enable.

Together, we inspire future innovators