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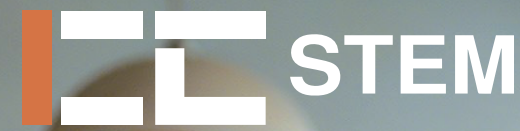


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Contact Us

Inspire / Create / Collaborate



ICC STEM Education

Shaping the Next Generation of Innovators

DRONE | DRONE SOCCER
CODING | DIGITAL INNOVATION

Cultivate Confident Creators and Future Innovators

5000+



6



2020



ICC STEM is a Sydney-based education provider delivering practical, future-ready STEM programs for students aged 5-18.

We specialise in drone education, robotics, 3D design, coding and AI, helping students connect classroom learning with real-world technologies.

Through hands-on learning, students build confidence, creativity, teamwork, and problem-solving skills while learning to design and present their ideas. ICC STEM bridges schools, communities and competitions worldwide to create learning pathways for young people to be leaders in STEM.

OUR VISION

To make high-quality STEM education inspiring and accessible for the next generation

OUR MISSION

To help students become confident creators, problem-solvers and future innovators through hands-on STEM learning.



2020

Introduced one of the first drone and robotics education programs in Australia with state-of-the-art DJI products



2022

Hosted New South Wales' first drone competition



2025

Competed in the FIDA World Cup in Jeonju, South Korea



2025

Led the Australian team to the FAI World Drone Soccer Championships in Shanghai



CURRICULUM SYSTEM

ICC STEM offers a structured curriculum system designed for school programs, after-school clubs, holiday learning and competition pathways.



DRONE EDUCATION

Drone Academy

Coding Drones: Use coding to control drone movement, timing, direction and flight missions

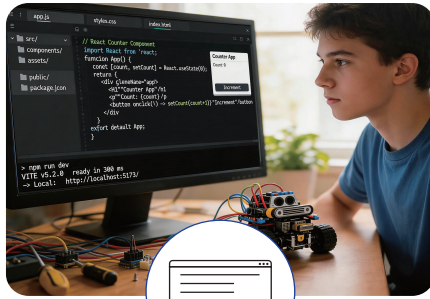
Performance Drones: Design choreographed drone formations and indoor aerial displays

Drone Soccer League

Drone Soccer Training: Develop flight control, precision, teamwork and specialised skills

Competition Training:

Hone your skills for team-based drone soccer games, challenges and formal competitions



CODING & AI DESIGN

ScratchJr & Scratch:

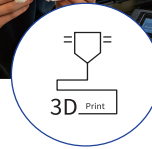
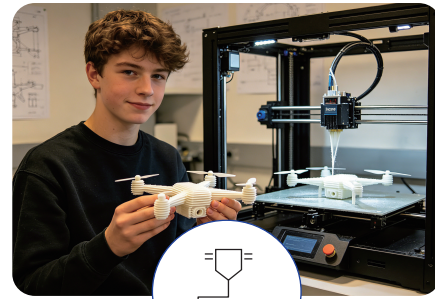
Create games, animations and interactive digital projects through block-based coding

Python & C++:

Build skills in programming, algorithm thinking and problem-solving

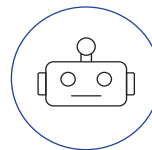
AI & Game Design:

Explore AI-assisted tools while developing interactive games and visual projects



3D PRINTING

Create, design and model your own original 3D creations.



ROBOTICS

Develop skills through hands-on engineering challenges and projects

PRODUCT CATEGORIES

ICC STEM provides professional STEM and drone education products for schools, clubs and student training programs.

Our product categories support coding, safe indoor flying, Drone Soccer, creative performance and hands-on engineering.



CODING DRONE EQUIPMENT

Aimed at beginners, this type of drone is recommended for schools looking to launch new drone education programs for beginners.

Suitable for: Coding classes, STEM lessons and school workshops.



DRONE PERFORMANCE PRODUCTS

Designed for classroom coding and beginner programming. Students learn sequencing, logic and simple flight control through structured activities. Suitable for: Coding classes, STEM lessons and school workshops.



DIY DRONE KITS

Hands-on assembly and electronics learning. Students build, configure, and test their own drones while developing practical engineering, problem-solving, and technical skills.

Suitable for: School STEM programs, engineering workshops, and technical training programs.



DRONE SOCCER



DRONE SOCCER

Safe, indoor, and team-based competition equipment with protective frames. This is a strong addition for school seeking to learn, train and compete in prestigious drone soccer competitions.

Models:

125mm Training Drone — Requires minimal flying space and features simple, stable flight characteristics, making it the ideal choice for beginners and introductory drone training.

200mm Training Drone — Offers stable flight performance, easy control, and a modular structure for convenient part replacement and maintenance. An excellent transition platform for students preparing for Competition Drone training.

200mm Competition Drone — Features powerful performance, agile manoeuvrability, and a design built in accordance with FAI competition standards. Ideal for advanced pilots and high-level competitive Drone Soccer events.

CERTIFICATION PATHWAY

STUDENT FLIGHT LEVEL CERTIFICATION

Students can progress through structured flight levels based on safety knowledge, flight control, coding ability and competition readiness.

Beginner Level

Basic safety, take-off, landing and hovering.

Intermediate Level

Directional flying, obstacle tasks and coding missions.

Advanced Level

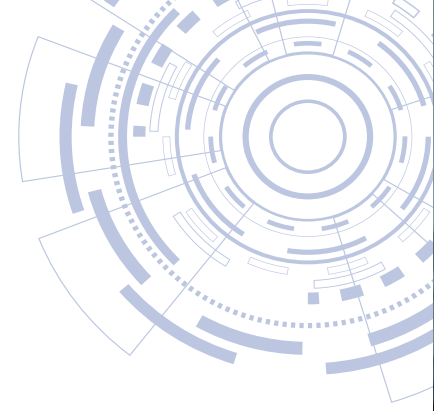
Precision flying, Drone Soccer skills and competition preparation.

This pathway gives students clear goals, visible progress and greater confidence as they develop their drone and STEM skills.

TEACHER TRAINING

ICC STEM provides practical drone education training for Australian school teachers. The program covers drone safety, classroom management, coding drone activities, Drone Soccer and performance drone delivery.

SCHOOL PARTNERSHIP SUPPORT



Consultation & Planning

We work with schools to customise courses to suit their unique goals.



Program Design

We assist schools to develop robust programs from our extensive course offerings.



Setup & Teacher Support

We provide equipment, teaching resources, and practical teacher training.



Program Delivery

We deliver engaging hands-on learning through various formats: after-school programs, workshops, holiday camps, and STEM events.



Student Development

Students develop key skills like coding and engineering through practical projects.



Showcase & Competition Pathways

Schools can participate in events and if applicable, competitions across Australia and internationally.

WHY SCHOOLS PARTNER WITH ICC STEM

Hands-On Technology Learning



Practice Transforms Knowledge Into Practical Skills

Boost Learning Through Training & Competition



Inspire the Next Generation of STEM Leaders



Creating the Future with Intelligence

Future-ready STEM learning, delivered with schools.

ICC STEM helps schools build practical, engaging and future-focused STEM opportunities for their students.

From classroom workshops to after-school clubs and international competition preparation, we support schools in creating visible and meaningful STEM pathways.



PARTNERSHIP IMPACT

Equip schools with structured courses, experienced instructors, resources, and teaching support

Create pathways from schools to state, national and international competitions.







Empower students to become leaders in technology with an unparalleled STEM education and facilities.

Help schools build a visible, active and future-focused STEM learning environment.



School Partnership Offerings



-  After-school STEM Clubs
-  Teacher Training & Program Development
-  STEM Workshops
-  Drone Soccer Coaching
-  Holiday Innovation Programs
-  Equipment Supply & Technical Support