Studio Robotics

December holiday camp, Years 5 and 6

Code & Drive Camp

Students start from the fundamentals and learn the reasoning behind every piece of code they write, then move into more advanced maths and logic. No coding experience is needed.



For	Children in Years 5 and 6. No coding experience needed.
Robots	VEX IQ
Dates	Monday 21 to Wednesday 23 December 2026
Hours	9:00am to 3:00pm
Where	Project Academy, Suite 1.01/29 Anderson St, Chatswood NSW 2067
Drop-off	From 8:45am
Pick-up	3:00pm

Each day

Day	What they learn and do
Day 1, Mon 21 Dec Code and motion	Students build a competition robot and start with programming fundamentals, then learn the maths that converts distance into motor rotations for precise driving and turning.
Day 2, Tue 22 Dec Sensors and logic	Students work with sensors that measure direction, colour and distance, and use variables, loops and conditional logic so the robot responds to its surroundings.
Day 3, Wed 23 Dec Autonomous and driver control	Students program a 60-second routine the robot runs entirely on its own, code their own controller, then compete in a timed scoring challenge.

What your child gets

- A 1:5 coach to student ratio
- Coaches who are all first aid trained
- Core engineering and robotics skills
- All equipment included: VEX robotics kits and iPads

Collecting your child

- We only release your child to you or to someone you list when you book, and we may ask them for photo ID. If plans change on the day, call or email us before pick-up.
- Bring: A water bottle, recess and lunch.

$540

for three days, $30 an hour. Full refund if you cancel 14 or more days before the camp.

Scan for details

studiorobotics.com.au/book/code-drive-iq

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