Studio Robotics

December holiday camp, Years 5 and 6

Build & Create Camp

Students learn how robots are engineered and why they work, then design and build their own to take on a challenge.



For	Children in Years 5 and 6. No experience needed.
Robots	VEX IQ
Dates	Wednesday 16 to Friday 18 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, Wed 16 Dec Engineering foundations	Students are introduced to the competition game, then build a drive base and a catapult while learning the maths and physics behind them, including gear ratios, distance travelled and stored energy.
Day 2, Thu 17 Dec Engineering by design	Students research, sketch and redesign their robot using the theory from Day 1, measuring the impact of every change.
Day 3, Fri 18 Dec Refine and compete	Students fine-tune their design, program their own handheld controller and compete in team matches.

What your child gets

- A 1:5 coach to student ratio
- 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/build-create-iq

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