Robotics Engineering Fundamentals

Students design, build and test mechanical systems on the VEX GO platform. Over four days they use forces, gears and motors in their own builds.

DATES
Monday 14 to Thursday 17 December

TIMES
2.5 hours a day

AGES
7 to 8 years

SEATS
8 seats, book by 30 Nov

Schedule

MONDAY
Robot chassis
Build a wheeled chassis and test how weight, wheels and friction change the way it moves.

TUESDAY
Mechanisms
Build levers, gears and linkages, then compare them with motorized versions.

WEDNESDAY
Motors and drive
Set up motors and drivetrains, and learn how motors and gears control speed and direction.

THURSDAY
Design challenge
Design, prototype and improve a motorized mechanism for a set task.

What's included

- 10 hours of coaching
- One coach for every five students
- A personalized report written by your child's coach
- An engineering notebook documenting their work each day

Rp 6.000.000

for four days, 2.5 hours a day. A 50% deposit holds a seat, with a full refund if you cancel 14 or more days before the camp.

BOOK ON WHATSAPP
+62 811 8000 2110
Scan to message us about this camp.



Thomas Abbott
Runs robotics at a large Australian independent school and has taken 15 teams to the VEX World Championships.



Jeslyn Tan
Coordinates robotics at three Australian schools and represented Australia at ISEF.

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