

Robotics with Python and AI

Students build a VEX GO robot, then write Python to control it. They move from functions and loops to conditions and sensor input, and finish by using AI to interpret what the robot's sensors read.

DATES

**Monday 28 to Thursday
31 December**

TIMES

2.5 hours a day

AGES

8 to 10 years

SEATS

8 seats, book by 14 Dec

Schedule

MONDAY

Build the robot

Assemble a base robot and learn how its motors, sensors and brain work together.

TUESDAY

Python pathing

Write first Python commands, using functions and parameters to program set routes.

WEDNESDAY

Loops and conditions

Use for and while loops with if and else so the robot repeats tasks and makes decisions.

THURSDAY

Sensor feedback

Read sensor data in Python and interpret it with AI so the robot adapts to its surroundings.

What's included

- ✓ 10 hours of coaching, one coach for every five students
- ✓ Text-based Python on VEX GO robots
- ✓ A personalised 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. 15 teams taken to VEX Worlds.



Jeslyn Tan

Coordinates robotics at three Australian schools. Represented Australia at ISEF.

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