





# SUMMER CAMP 2026

REAL WORLD READY

AGES 10-14



Ignite  
School

WEEK	BUILD & ENGINEER 9:30AM - 11:45AM	CODE & CREATE 11:45AM - 2:00PM
<b><u>Week 2</u></b> Jul 13 - Jul 17	 <b>Python Programming Week</b>  Students build two word games and three Turtle Graphics games entirely in Python. Every project introduces new concepts; functions, loops, events, and the random library. Five working programmes by Friday.	 <b>Electronics Engineering</b>  Students build a working electronic project; cable car, water wheel, or wind turbine as a hands-on contrast to the coding session. Same concepts (input, output, control), different medium.
<b><u>Week 4</u></b> Jul 27 - Jul 31	 <b>EV3 Robotics</b>  Students build five different EV3 robots across the week; line followers, maze navigators, robotic arms, and sumo bots. Each day is a new standalone build and challenge. The week ends with a live paddlebot race.	 <b>Electronics Engineering</b>  Students build five real electronic systems; a cable car, solar tracker, irrigation model, wind turbine, and water wheel. Each project connects a motor or sensor to a working circuit.

Camp timings: 9:30am to 2pm  
Drop-off timings: 8:30am  
onwards

**SECURE SUMMER  
CAMP SPOT**

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