

SUMMER CAMP 2026

FUTURE READY

AGES 7-9



WEEK	STEM CHALLENGE 9:30AM - 10:30AM	ROBOTICS MISSIONS 10:45AM - 12:15PM	CREATIVE CODING 12:45PM - 2:00PM
<u>Week 4</u> Jul 27 - Jul 31	Invention Studio Young engineers design and build real working machines using everyday materials. From hydraulic claws to rubber band dragsters, every invention is tested, tweaked, and improved.	Code & Control Students build five completely different robots across the week – a dog, a frog, a weather machine, a vault, and a game – each one teaching a new way to make a machine think.	Scratch Stories Students build branching interactive stories where every choice the reader makes leads somewhere different. Code meets storytelling – and the ending depends entirely on what you click.
<u>Week 5</u> Aug 3 - Aug 7	Structures Under Stress Students become structural engineers, testing how arches, beams, and towers handle weight before they fail. Every build is a competition between their design and gravity.	AI Week Students step into the world of AI, creating with it, questioning it, and programming it to respond to their face, their body, & their voice. From AI generated art to body controlled games, this is the week that changes how they see every screen.	AI Week Students use PictoBlox to build games controlled by their nose, their hands, and their voice – while exploring how AI sees, hears, and learns. The computer isn't just a tool this week. It's paying attention.
<u>Week 6</u> Aug 10 - Aug 14	Invisible Forces Students explore the forces that move things without touching them – magnetism, static electricity, and invisible fields. They map, manipulate, and harness forces they cannot see.	Forces & Machines From fishing rods to walking dogs to mechanical batters, students build machines that lift, move, and strike using nothing but levers, pulleys, and linkages. Every build reveals a new way that simple mechanisms can do surprisingly powerful things.	Mission Control Students programme a virtual robot to navigate missions, collect objects, and solve challenges in a simulated environment. Every mission gets harder – and the only way through is smarter code.

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

**SECURE SUMMER
CAMP SPOT**



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