SUMMER CAMP 2026

PURE MINDS ACADEMY

FUTURE READY **AGES 7-9**

RED Radisson

WEEK	STEM CHALLENGE 9:30AM - 10:30AM	ROBOTICS MISSIONS 10:45AM - 12:15PM	CREATIVE CODING 12:45PM - 2:00PM
Week 4 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.
Week 5 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.
Week 6 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

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