WINTER CAMP 2026

PURE MINDS ACADEMY

FUTURE READY **AGES 7-9**

AL HABTOOR POLO RESORT

WEEK	ROBOTICS MISSIONS 9:30AM - 10:30AM	INNOVATION PROJECT 10:45AM - 12:15PM	TEAM CHALLENGE 12:45PM - 2:00PM
Week 1 Dec 14 - Dec 18	**MARS ROBOTS** Children build and code a new robot each day, from a Mars rover to a robotic arm that sorts rock samples. They learn how engineers design robots for real space missions.	**MARS MISSION PLAN** Inspired by real NASA activities, teams plan their own mission to Mars, testing parachutes, helicopters and robot explorers along the way. Children learn to think like scientists, test ideas and improve them.	**SPACE GAMES** Rover races, straw rockets and egg-drop landings put designs to the test, ending with the Stranded on Mars escape room. Children learn that trying, adjusting and trying again is how great things get built.
Week 2 Dec 21 - Dec 25	**MOVING MACHINES** Every day, children build and code a new working model, from a snapping crocodile to an electric car. They see how real machines work and learn to program them, growing engineering and coding skills side by side.	**AI EXPLORERS** Children find out how AI really learns by training their own AI models and testing where they go wrong, then build an AI-powered game to show off. They come away understanding the technology shaping their world, and thinking critically about it.	**UNPLUGGED AI GAMES** Lively games where children act as robots, sort like a computer and spot patterns like an AI, ending with The Rogue Robot escape room. Big ideas made simple, with lots of teamwork.
Week 3 Dec 28 - Dec 31	**DETECTIVE GADGETS** Children program a robot to become a detective's helper, building alarms and tripwires that guard the evidence. They learn how sensors help machines notice the world around them.	**DETECTIVE ACADEMY** Children become crime scene investigators, dusting for fingerprints, testing inks and studying footprints to crack a case, then present their findings in a mock trial. Real science, sharp observation and confident speaking, all in one mystery..	**DETECTIVE GAMES** Clue hunts, code-cracking relays and a suspect line-up keep young detectives on their toes, ending with The Museum Heist escape room. Children learn to reason, communicate and work as a team.

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

SECURE WINTER CAMP SPOT

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