WINTER CAMP 2025

📍 STUDIO ONE HOTEL

PURE MINDS ACADEMY

AGES 7-9

Week	STEM 9:30am to 10:30 am	Coding 10:45am to 12:15pm	Robotics 12:45pm to 2pm
Week 1 8th to 12th Dec	**Game Builder** Kids will design games using logic puzzles, dice, and patterns, learning strategy and problem-solving. They'll explore STEM concepts through fun, hands-on challenges and creative thinking.	**Game Builder** Kids will create their own playable games, bringing stories and characters to life with points, levels, and feedback. They'll learn core coding concepts while having fun with logic, creativity, and problem-solving.	**Game Builder** Kids will **code, design, and build** robots with LEGO Spike Prime, bringing games to life. They'll explore sensors, movement, and teamwork through hands-on challenges.
Week 2 15th to 19th Dec	**AI Bootcamp** Kids will create images, stories, and music using AI tools, exploring imagination and learning the basics of prompt engineering.	**AI Bootcamp** Children will code projects that detect faces, objects, and emotions, discovering key AI concepts through hands-on coding fun	**AI Bootcamp** Kids will apply AI in robotics, building and programming robots that respond to their environment, combining creativity, technology, and problem-solving.
Week 3 22nd to 26th Dec	**Energized** Explore how energy powers motion through fun hands-on builds like rockets, racers, and flying machines. Learn about potential, kinetic, and mechanical energy while designing exciting moving creations!	**Creative Designing with Electronics** Kids will design and craft fun projects like glowing cards, decorative lights, and simple electronic creations. Through hands-on building and tinkering, they'll explore circuits, creativity, and problem-solving in a playful way!	**Drones and Aerodynamics** Children will build and control flying creations using Makeblock's Airblock. Through hands-on building and coding, they'll explore how design, air, and movement work together to make drones and hovercrafts soar!

Timings: 9:30am to 2 pm
Drop-off timings: 8:30am onwards
Break timings: 10:30am to 10:45am (short break)
& 12:15pm to 12:45pm (lunch break)

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