WINTER CAMP 2024

R O V E
DOWNTOWN DUBAI

PURE MINDS ACADEMY

FUTURE READY   **AGES 7-9**

Week	STEM (9:30 to 10:30 am)	Robotics/Coding (10:45 am to 12:15 pm)	Lifeskills (12:45 to 2 pm)
Week 1 16 - 20 Dec 2024	**BioTech Inspirations** Explore how nature solves problems through biomimicry—children experiment with waterproof coatings, sticky plant-inspired Velcro, and buoyancy, discovering nature's ingenious designs and applying them to hands-on creations.	**Microbit Game Studio** Design and program interactive games, from scoring systems to reflex challenges, using microcontrollers, coding and servo motors to bring concepts to life.	**Cyber Guardians:** Equip children with essential cyber safety skills, from understanding safe online behavior to recognizing and protecting personal information, ensuring they navigate the digital world confidently and responsibly.
Week 2 23 - 27 Dec 2024	**Eco Lab Innovators** Experience sustainable living through practical projects like making biodegradable plastics, natural soaps, and eco-friendly dyes, empowering kids to make choices that are kind to the planet.	**Build-a-Bot Timer:** Dive into the world of engineering as kids use Spike Prime to design and build functional countdown timers, learning about gears, circuits, and innovation in a hands-on, interactive way.	**Money Masters** Introduce kids to the basics of banking, budgeting, and saving through engaging, kid-friendly activities that bring financial literacy to life, setting a foundation for smart money habits.
Week 3 30 Dec 2024 - 3 Jan 2025	**Aqua Science Lab** Unlock the secrets of surface tension with fun experiments, from floating a paper clip to creating water striders, as kids discover the surprising strength of water's surface.	**Light Lab Artistry** Fuse art and circuitry by creating LED-enhanced artworks like light-up mosaics and wall art, sparking creativity and curiosity in combining technology with visual expression.	**AI Fun Factory** Enter the exciting realm of AI with Pictoblox as kids explore character and face recognition and experiment with 'air painting,' introducing them to the basics of artificial intelligence in a playful, interactive way.

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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📍 STUDIO ONE HOTEL

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