

WINTER CAMP 2025



ROVE
DOWNTOWN DUBAI

AGES 10-14

Week	INNOVATION LAB (9:30 to 11:45am)	ROBOTICS (11:45 am to 2pm)
<u>Week 1</u> 10th to 12th Dec	<u>Galaxy of Knowledge (Mobile App Designing)</u> Students will dive into the world of mobile apps and bring their coolest ideas to life! They will learn how to design, code, create their very own apps from fun games to handy tools.	<u>Drones</u> Students will take flight with advanced drone challenges, mastering control, stability, and precision. They'll explore real-world aerodynamics and coding as they design missions and complete flight-based tasks!
<u>Week 2</u> 15th to 19th Dec	<u>Game Builder Coding</u> Students will design advanced, multi-level games with custom graphics, scoring systems, and dynamic challenges. They'll dive deeper into game logic and real-world coding techniques to bring their ideas to life.	<u>Game Builder (laser cutter + Microbit + Smart Home)</u> Design and build real-life interactive games that respond with light, motion, and sound. Turn creative ideas into playable experiences that blend innovation, design, and fun!
<u>Week 3</u> 22nd to 26th Dec	<u>AI Bootcamp (Machine Learning with PictBlox) + Nous + AI Tools</u> Dive into the world of AI by exploring machine learning, training models, and building smart AI agents. Create images, stories, and projects using real AI tools while understanding how intelligent systems think!	

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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