

WINTER CAMP 2025



PURE
MINDS
ACADEMY

REAL WORLD READY

AGES 7-9

Week	Coding 9:30am to 10:30 am	Robotics 10:45am to 12:15pm	STEM 12:45pm to 2pm
<u>Week 1</u> 8th to 12th Dec	<u>Creative Designing with Electronics</u> 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!	<u>Drones and Aerodynamics</u> 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!	<u>Energized</u> 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!
<u>Week 2</u> 15th to 19th Dec	<u>AI Bootcamp</u> Children will code projects that detect faces, objects, and emotions, discovering key AI concepts through hands-on coding fun.	<u>AI Bootcamp</u> Kids will apply AI in robotics, building and programming robots that respond to their environment, combining creativity, technology, and problem-solving.	<u>AI Bootcamp</u> Kids will create images, stories, and music using AI tools, exploring imagination and learning the basics of prompt engineering.
<u>Week 3</u> 22nd to 26th Dec	<u>Game Builder</u> 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.	<u>Game Builder</u> 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.	<u>Game Builder</u> 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.

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)

+971 58 580 8468
+971 4432 9464
puremindsacademy.com
info@puremindsacademy.com

WINTER CAMP 2025



ROVE
DOWNTOWN DUBAI

PURE
MINDS
ACADEMY

LITTLE EXPLORERS

AGES 7-9

Week	STEM 9:30am to 10:30 am	Coding 10:45am to 12:15pm	Robotics 12:45pm to 2pm
<u>Week 1</u> 10th to 12th Dec	<u>Energized</u> 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!	<u>Creative Designing with Electronics</u> 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!	<u>Drones and Aerodynamics</u> 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!
<u>Week 2</u> 15th to 19th Dec	<u>AI Bootcamp</u> Kids will create images, stories, and music using AI tools, exploring imagination and learning the basics of prompt engineering.	<u>AI Bootcamp</u> Children will code projects that detect faces, objects, and emotions, discovering key AI concepts through hands-on coding fun	<u>AI Bootcamp</u> Kids will apply AI in robotics, building and programming robots that respond to their environment, combining creativity, technology, and problem-solving.
<u>Week 3</u> 22nd to 26th Dec	<u>Game Builder</u> 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.	<u>Game Builder</u> 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.	<u>Game Builder</u> 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.

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WINTER CAMP 2025



PURE
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ACADEMY

FUTURE READY

AGES 7-9

Week	Coding 9:30am to 10:30pm	STEM 10:45am to 12:15 am	Robotics 12:45pm to 2pm
<u>Week 1</u> 8th to 12th Dec	<u>Creative Designing with Electronics</u> 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!	<u>Energized</u> 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!	<u>Drones and Aerodynamics</u> 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!
<u>Week 2</u> 15th to 19th Dec	<u>AI Bootcamp</u> Children will code projects that detect faces, objects, and emotions, discovering key AI concepts through hands-on coding fun.	<u>AI Bootcamp</u> Kids will create images, stories, and music using AI tools, exploring imagination and learning the basics of prompt engineering.	<u>AI Bootcamp</u> Kids will apply AI in robotics, building and programming robots that respond to their environment, combining creativity, technology, and problem-solving.
<u>Week 3</u> 22nd to 26th Dec	<u>Game Builder</u> 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.	<u>Game Builder</u> 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.	<u>Game Builder</u> 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.

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