

# SUMMER CAMP 2026

LITTLE EXPLORERS

AGES 4-6



AL HABTOOR  
POLO RESORT

WEEK	STEM CHALLENGE 9:30AM - 10:30AM	ROBOTICS MISSIONS 10:45AM - 12:15PM	CREATIVE CODING 12:45PM - 2:00PM
<b>Week 1</b> Jul 6 - Jul 10	<p> <b>Colour Detectives</b></p> <p>Children uncover the secret science hiding inside every colour.</p> <p>From separating inks with water to stacking rainbow density layers, they discover that colour is never quite what it seems.</p>	<p> <b>Fun Fair Robots!</b></p> <p>Children build motorised fun fair rides like spinning carousels, swinging rides, and twirling teacups with SPIKE Essential. They program each ride to start, stop, and change speed, just like a real fun fair.</p>	<p> <b>Story Animators</b></p> <p>Children create animated stories on Scratch Junior by choosing characters, adding movement, and making things happen with a tap. Code meets creativity and storytelling in one vibrant session.</p>
<b>Week 2</b> Jul 13 - Jul 17	<p> <b>Power Lab</b></p> <p>Children explore electricity, light, and magnetism through exciting hands on experiments. They will make tissue ghosts dance with static, light up a greeting card, and project a 3D hologram from a phone screen.</p>	<p> <b>Creatures &amp; Machines</b></p> <p>Using WeDo 2.0, children build moving creatures and clever machines.</p> <p>From a snapping dinosaur to a dancing crab, each model comes alive with a motor and a simple program the children write themselves.</p>	<p> <b>Circuit Makers</b></p> <p>Children snap together real electronic circuits to light up bulbs, trigger buzzers, and power fans.</p> <p>A hands on introduction to electricity, cause and effect, and how the devices around us actually work.</p>
<b>Week 3</b> Jul 20 - Jul 24	<p> <b>Animal Superheroes</b></p> <p>Children build animals that actually move and behave like the real thing.</p> <p>From a woodpecker that pecks its way down a stick to a frog that always rights itself, every creature has a science superpower.</p>	<p> <b>City Builders!</b></p> <p>Children engineer the vehicles and machines that keep a city moving; taxis, helicopters, ferries, and cable cars all built and programmed with SPIKE Essential. They discover how robots do real jobs every day.</p>	<p> <b>Money Smart</b></p> <p>Children program KUBO through a custom market map, earning coins, making choices between needs and wants, saving up, and spending wisely. Financial literacy delivered one coding step at a time.</p>

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

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