

WINTER CAMP 2025



AGES 4-6

Week	STEM (9:30 to 10:30 am)	Coding (10:45 am to 12:15 pm)	Robotics (12:45 to 2 pm)
<u>Week 1</u> 8th to 12th Dec	<u>Tiny Sustainable Engineers</u> Build bridges, bird feeders, and mini water filters to explore engineering and eco-friendly practices through fun, hands-on challenges.	<u>Practical Money Matters (mTiny & Scratch)</u> Learn basic money concepts through playful activities and coding games, making simple decisions and understanding value.	<u>Transport Vehicles</u> Through building with LEGO Spike Essential, children will design, code, and test vehicles like cars, trucks, trains, and boats exploring movement, mechanics, and teamwork in fun, hands-on projects.
<u>Week 2</u> 15th to 19th Dec	<u>STEM Fairy Tales</u> Bring stories to life ,build houses for the Three Little Pigs, clever bridges, and more while exploring STEM concepts through fun experiments.	<u>Winter Wonderland (Maker's Empire)</u> Design festive 3D creations like snowflakes, snowmen, and Christmas trees in a magical winter world while boosting creativity and problem-solving.	<u>Community Helpers (ICBlocks)</u> Discover how firefighters, ambulance crews, and garbage collectors make a difference through building and role-play, developing teamwork and fine motor skills.
<u>Week 3</u> 22nd to 26th Dec	<u>Light and Shadows</u> Play with light, shadows, and colours to make shadow puppets, create fun light art, and explore rainbows and reflections through hands-on experiments.	<u>Fantasy World (with Kubo + Scratch)</u> Code interactive stories and games, bringing dragons, castles, and magical creatures to life using Kubo robots and Scratch programming.	<u>Animal Superheroes</u> Bring animal superpowers to life with LEGO WeDo 2.0 build and code leaping frogs, flying birds, and more while exploring movement, cause-and-effect, and problem-solving through fun robotics challenges.

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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