WINTER CAMP 2025



LITTLE EXPLORERS 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) |
|------|----------------------------|----------------------------------|------------------------------|
| | | Winter Wonderland (Maker's | Community Helpers (ICBlocks) |

Week 1 10th to 12th Dec

Bring stories to life, build houses for the Three Little Pigs, clever bridges, and more while exploring STEM concepts through fun experiments.

STEM Fairy Tales

Winter Wonderland (Maker's Empire)

Design festive 3D creations like snowflakes, snowmen, and Christmas trees in a magical winter world while boosting creativity and problem-solving.

Discover how firefighters, ambulance crews, and garbage collectors make a difference through building and role-play,

developing teamwork and fine motor skills.

<u>Light and Shadows</u>

Week 2 15th to 19th Dec Play with light, shadows, and colours to make shadow puppets, create fun light art, and explore rainbows and reflections through hands-on experiments.

Fantasy World (with Kubo + Scratch)

Code interactive stories and games, bringing dragons, castles, and magical creatures to life using Kubo robots and Scratch programming.

Animal Superheroes

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.

<u>Tiny Sustainable Engineers</u>

Week 3 22nd to 26th Dec

Build bridges, bird feeders, and mini water filters to explore engineering and eco-friendly practices through fun, hands-on challenges.

Practical Money Matters (mTiny & Scratch)

Learn basic money concepts through playful activities and coding games, making simple decisions and understanding value.

Transport Vehicles

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.

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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