



Young Engineers – STEM, Lego Engineering & Robotics classes

Very Limited spaces – FIRST COME FIRST SERVE!

Bookings now open for Term 3!

Time	Venue	Cost
Every Friday 26 July-13 September	STEAM Space/Art Room	Pay \$180 for term OR Pay \$70 for 3 weeks trial AND \$110 later

For Preps – Knex Big Builders:



Students will learn:

- To build Knex models and learn the science behind them
- Design thinking and problem solving
- Visual spatial and fine motor skills
- Physics and biology concepts
- Communicating design ideas

For Year1, Year2 - Lego Bricks Challenge:



Students will learn:

- Engineering and Mechanics
- Problem solving and team work
- Electronics and 3D Design thinking
- Introduction to high school physics
- Solving structural challenges
- To build motorised Lego models using gears, pulleys, beams & more!

For Year3 to Year6: Robo Bricks – Lego Robotics



Students will learn:

- Designing and building mechanical robots
- Programming the robot to perform different tasks
- Algorithmic and logical thinking skills
- Problem solving and team work
- Electronics and 3d Design thinking
- To use sensors and motors to help their robots understand and respond to environmental changes and inputs.