

G N A G Robotics SQUARE

Wk 4: July 25 - 29 PM only: 1 - 4 PM GR 4 - 6

Using the Lego Mindstorm NXT 2.0 and EV3 robotics platform, students will work in teams to design and build functional robots (humanoid, segway rider), machines (lawnmower, hammer car, powersaw), and robotic animals (spider, dog, dolphin).

They will subsequently be using software to plan, design and engineer, test and modify sequences of instruction from a variety of real-life robotic behaviours. Introduction to concepts in engineering and robotic movement, kinematics, working with motors, and installing gears and sensors will tap into the child's innate desire to explore, problem solve, create, investigate and learn in both free and guided platforms.

No previous robotics experience or exposure is needed.



**Please send your child with a nut-free snack, 2 masks, water bottle, sunscreen every day.
If you are ever going to be late, please call 613-233-8713 or email info@gnag.ca.**

Drop off & Pick up location:

**Schedule is subject to change

Main Doors at the Glebe CC 175 Third Avenue, Ottawa