



NEW IN 2017

## TECHSTARS! ENRICHMENT PROGRAM

*for campers entering grades 1-6*



In conjunction with **TechStars! Computer Explorers** we're excited to announce an innovative enrichment program one day a week for seven weeks.

**TechStars! Programs are engaging, fun, team-based experiences.** Campers will work through a series of hands-on projects that build 21<sup>st</sup> Century skills connecting Science, Technology, Engineering & Math (STEM).

**ROBOTICS ADVENTURES & CIRCUIT MANIA** for Dodgers, Doves, Cardinals & Cubs (Grades 1 and 2)

Class Length: 1 hour/week      Cost: \$350

With the LEGO™ WeDo Robotics Kits, young Engineers will work in pairs to build and program their own robotic creations. This unique system, designed by the experts at MIT, teaches about simple machines, engineering and programming! Campers will have the opportunity to build an alligator, goal kicker, airplane or robots from their imaginations.

Campers will gain hands on experience of circuits and electricity through a range of projects. Using experimentation and circuit building, campers will learn about low voltage electricity and electrical components, vocabulary and concepts. They'll explore short circuits, series/parallel circuits and experiment with sound, lights and motors. Campers will also learn how to build circuits.

**ADVANCED 'FUN-GINEERING' & ROBOTICS ADVENTURES** for Bluejays, Braves, Alouettes & Astros

Class Length: 1.5 hours/week      Cost: \$399      (Grades 3 through 6)

Working in pairs, young Engineers will use LEGO® simple machine kits to learn about structures and forces, levers, wheels/axles, pulleys and gears! Then they'll bring their machines to life while exploring motors and energy. Without the use of computers, campers will have the opportunity to build a seesaw, car, launcher, cab and trailer.

With the LEGO™ WeDo Robotics Kits, campers will work in pairs to build and program their own robotic creations. This system, also designed by MIT experts, teaches about simple machines, engineering and programming. Campers will have the opportunity to build a robot monkey, bird or sleeping giant.

### Additional Details ...

- Campers will be taught by experienced Computer Explorers teachers and our staff once/week
- Transportation to Tamarak South is a 10 minute drive on Tamarak Transportation
- We require 6 campers to run the programs and are not able to offer refunds for missed classes
- Spots will be filled on a first-come, first-served basis

To register, check the **TechStars!** option on your Tamarak Registration Form.

If you've already registered, call the camp office

**If you have any questions about Tamarak's TechStars!  
please call Lucia or Dave at (847) 634-3168**