






CLF ADVANCED STUDIES

Land / Sea / Air Robotics Club (MS)

LAND	SEA	AIR
		
Design, build and program a robot	Design, build and operate an underwater remotely operated vehicle	Operate a quadcopter with camera
Tetrix or VEX Cortex robots and RobotC programming	Seaperch Robots	Parrot Bebop Drone* <i>Brand of the quadcopter is subject to change</i>

In this program, students will use Robotics to learn engineering design process and programming. No experience is required.

LEARN

Basics of using the NXT system

TETRIX/VEX and LEGO building tips and design and build a robot

Basics of RobotC programming

How to build and operate robots safely and responsibly

Mechanics behind quadcopters, basics of drone design

Controlling the quadcopter by a smart device

Maneuvering the quadcopter and flying techniques

AND HAVE FUN!

Land/Sea/Air Robotics Club (113): High School Students, Wednesday 5.15pm-6.45pm, \$25/per session, Capacity 6 students.

Dates: Feb 18, Feb 25, Mar 4, Mar 11, Mar 18, Mar 25, Apr 15, Apr 22, Apr 29, May 6, May 14 (11 weeks)