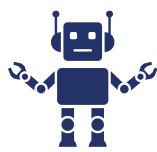
## Learning Opportunities for Robotics in Massachusetts



Massachusetts has educational resources at all levels for people who are interested in robotics. Whether you are an elementary school student or an interested adult, we encourage you to explore the many options available.

Robotics Teams - Are you a student (or parent of) who is interested in

hands-on, team-based robotics learning? Check out the programs below with offerings suitable for grades K-12.

- FIRST
  - o FIRST LEGO League Jr- For grades k-4
  - FIRST LEGO League- For grades 4-8
  - FIRST Tech Challenge- For grades 7-12
  - FIRST Robotics Competition-For grades 9-12
- VEX
  - o VEX IQ Challenge
  - o VEX Robotics Competition Change Up
- World Robot Olympiad
  - Regular Category- For ages 10+, multiple age groups, challenge-based
  - Open Category- For ages 10+, multiple age groups project-based
  - WRO Football (Soccer)- For ages 10-19, one age group, build a robot soccer team!
  - Start a team in Massachusetts
- RoboNation
  - o SeaPerch-For grades 6 and up, build and run a tethered underwater robots
  - SeaGlide- For grades 9 and up, build and run an autonomous underwater robot
- RoboCup Junior
  - Soccer-Students design and build teams of autonomous robots to play soccer
  - o Rescue-Students design and build autonomous robots to perform rescue missions
  - OnStage- Students design and build autonomous robots for a creative stage
- MATE ROV Competition

[Note: these lists are meant to show the available options and are not intended to be an endorsement or certification from MassTech]



## masstech.org/robotics