

ROBOTICS (4th grade & up)

Class dates and times for each library listed below. Registration is required and class size is limited. It is recommended that participants take Chassis Challenge and First Build before taking Fast Robots. Each date features two sessions 1-2:45pm and 3-4:45pm – please sign up for the 1pm OR the 3pm class!

CHASSIS CHALLENGE – Build your rubber-band powered car-frame (chassis) using selected pieces from the Lego Mindstorms kits. Participants will focus on innovation and design skills

FIRST BUILD – Build your robot using Lego Mindstorms kits. Participants follow directions in the kit to build a robot that can follow basic commands programmed on the NXT brick

FAST ROBOTS – Draw from your experience in Chassis Challenge and First Build to design a Mindstorms robot that can go even faster. Use different gears to adjust your robot's torque and wheel rotation to make a really fast robot

[CLICK HERE TO REGISTER](#)

HAGGARD

Registration starts Aug 27

Chassis Challenge Sep 10 1pm or 3pm

First Build Sep 17 1pm or 3pm

Fast Robots Sep 24 1pm or 3pm



DAVIS

Registration starts Sep 17

Chassis Challenge Oct 1 1pm or 3pm

First Build Oct 8 1pm or 3pm

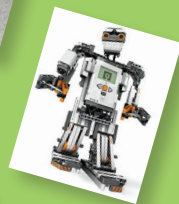
Fast Robots Oct 15 1pm or 3pm

Registration starts Nov 19

Chassis Challenge Dec 3 1pm or 3pm

First Build Dec 10 1pm or 3pm

Fast Robots Dec 17 1pm or 3pm



PARR

Registration starts Oct 22

Chassis Challenge Nov 5 1pm or 3pm

First Build Nov 12 1pm or 3pm

Fast Robots Nov 19 1pm or 3pm



Robotics workshops are made possible through a partnership with the Science and Engineering Education Center (SEEC) of UT Dallas. Engineers from Texas Instruments (TI) volunteer their time to facilitate the workshops and TI has provided funding for the Lego Mindstorms kits used for the workshops.