

# Parent Mentorship

Novi *FIRST* teams are completely parent driven. Mentorship is a key component to the success of a team. Parents are expected to mentor the team in at least one area:

- **Coach/Main Contact:** Oversees the running of the team including team communication, calendar, Youth Protection training and permission forms. Contact person for all *FIRST*, *FIRST* in MI and NBot correspondence.
- **Assistant Coach/Alternate Contact:** Same as above.
- **Host:** The host provides the main workspace and storage for the team. Note that a FLL Challenge practice table is 4'x8' and an FTC practice field is 12'x12'.
- **Treasurer:** Works with the students and parents to prepare a team budget. Tracks expenses and submits forms for reimbursement from team's NSCD account.
- **Admin Tasks:** Helps the team run smoothly by facilitating communication, meetings, transportation, snacks, purchases, paperwork, etc.

## *FIRST* LEGO League Explore (Grades K/3):

- **Research Project:** Using the meeting guide and engineering notebook, works with students to complete research on the season's topic and create Show Me Poster.
- **Model Build:** Using the meeting guide and engineering notebook, works with students to build a LEGO model demonstrating the team's solution to the season's topic.

## *FIRST* LEGO League Challenge (Grades 4/6):

- **Research Project:** Using the meeting guide and engineering notebook, works with students to complete research on the season's topic and create a team presentation sharing their research, problem analysis and solution.
- **Robot Design:** Using the meeting guide and engineering notebook, works with students to build a Spike Prime LEGO robot to complete the season's mission challenges.
- **Programming:** Works with the robot design mentor and students to program the team's robot to autonomously complete the season's mission challenges.
- **Core Values:** Works with the team to understand and incorporate the *FIRST* core values into every team meeting. Helps team develop talking points and examples for judging.

## *FIRST* Tech Challenge

- **Robot Design:** Using an approved robot kit, works with students to build a robot to complete season's game challenge.
- **Programming:** Works with the robot design mentor and students to program the team's robot to complete the season's game challenge.
- **Engineering Portfolio/Notebook:** Works with the team to document their season and share their accomplishments during competition judging.
- **Outreach/Sponsorship:** Coordinates opportunities for the team to share their robot and season with the community including professionals and companies that may be interested in sponsoring the team.