

Bill Reed Middle School Robotics Coach

(FIRST LEGO League Challenge – Regional Competition)

Stipend: \$2377

Season: September – November 2025

Training Day: September 13, 2025

Regional Qualifier Tournament: November 15, 2025 (Loveland High School)

No robotics experience necessary — training provided!

Middle school robotics combines friendly competition with high-level challenge, as teams of students in grades 6–8 build, program, and refine a LEGO robot to complete missions in the annual FIRST LEGO League Challenge. In addition to coding and engineering, students research and present an Innovation Project tied to the season's theme, which challenges them to solve a real-world problem through creativity, research, and teamwork.

- Coaches guide students in developing their leadership, problem-solving skills, and collaboration abilities, while also fostering perseverance and self-confidence. They serve as the primary contact for the team, receiving season updates, challenge materials, and tournament information. Coaches are responsible for:
- Recruiting/choosing team members (with help from the building's staff)
- Deciding team meeting schedules (with help from the building's staff) - 2/time week, 3-4 hours total.
- Providing access to team equipment, such as challenge mats, and robots (with help from the building's staff)
- Guiding students through both the Robot Game and the Innovation Project
- Organizing logistics for weekly meetings and regional tournament participation
- Coaches are supported throughout the season by the TSD District Robotics Coordinator and a network of peer coaches.