Technical Skills

- ELECTRICAL
- MECHANICAL
- COMPUTATIONAL THINKING

Workforce Skills

Technical and workforce skills developed through robotics competition in the classroom.
Students discover academic and technical skills needed for building a robot using the digital learning management system.

Students practice problem-solving and perseverance through building, modifying, and improving the robot.

Students develop teamwork, collaboration, and communication skills through documenting engineering design and project management.
Teams compete in presentations and class mini-game for awards in robot technical design, engineering notebook, and career readiness.

Teams and individuals use rubrics tied to learning outcomes to set goals and improve through iteration.

Individuals earn digital badges through Tallo to demonstrate skills and competencies to others.