



2023-2024 EPSF Classroom Grant Program- Elkhorn North High School Grants

School	Grant Name	Description	Requestor	Grade	Amount
Elkhorn North High School	<u>Robotics Equipment</u>	<p>Interest in Robotics has exploded at Elkhorn North. The program grew from 1 competition team and 2 recreational teams up to 5 competitive teams for the 2022-23 school year. The program included more than 40 regular attendees at points throughout the year. With each new season, we need to restock our supplies and purchase new game pieces for the upcoming season. We will also need to purchase additional materials to help teams solve design challenges to compete in a brand new game for the 2023-24 school year. During the season, students use problem solving skills to create a robot from scratch. They need to consider a design that will help solve unique challenges each year. Students have to collaborate with team members as each person on the team has a job. Some students are building, some are driving and others are programming. All members of the team are communicating to ensure their robot will score them maximum points when it comes time to compete. After the first tournament, it is back to the practice room to tweak the robot and the programming. The students will collaborate as they discuss what went well and what did not go so well, and what they liked with other robots. The year's experience is documented in an Engineering Notebook that showcases the team's design process and adaptations along the way. This is such a great experience for students to learn to work together, communicate and problem solve. Additionally, for some of our High Ability students, this is the place where they feel connected at school and have a chance to showcase their abilities.</p>	Chris Peters	9th-12th	\$ 3,697
<b>TOTAL ELKHORN NORTH HIGH SCHOOL CLASSROOM GRANTS</b>					<b>\$ 3,697</b>