



2022-2023 EPSF Classroom Grant Program- Elkhorn High School Grants

| School | Grant Name | Description | Requestor | Grade | Amount |
|---------------------|---|---|----------------|-------------|----------|
| Elkhorn High School | <u>PASCO Wireless Probes</u> | In AP Chemistry, students are required to perform specific labs that meet the criteria established by the AP board. These labs prepare students for college and allow them to possibly earn college lab credit. There is lab equipment that is necessary for data collection including temperature, conductivity, and pH probes that allow for graphical analysis. Our current probes are old (at least 10 years) and not functioning as well. To replace these with the same technology would not make sense as there have been many improvements made in this area. Students would be able to perform the required labs with current technology and analyze the data in a similar way that colleges are currently doing. This could ultimately help them perform better on the AP exam and be more prepared for college. | Laurie Stracke | 11th & 12th | \$ 2,500 |
| Elkhorn High School | <u>Robotics Equipment</u> | Elkhorn High is where our Robotics Program began. We have a tradition of welcoming all students into the program to learn the process of building, driving and programming. We host a variety of students with a variety of experience levels. Our experienced team members are incredibly dedicated to continuing the Robotics tradition for Elkhorn and our new team members are incredibly eager to learn more and feel that success. This year we have about 12 students competing on 2 teams at EHS. Next year we are hoping to get back to 3-4 teams and 20 students. With each new season, we need to restock our supplies and purchase new game pieces for the upcoming tournaments. During the season, students use problem solving skills to create a robot from scratch. They need to consider a design that will work with the new game for the season. 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. 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. | Molly Erickson | 9th-12th | \$ 2,500 |
| Elkhorn High School | <u>Dash Timing System</u> | The dash timing system would allow Physical Education classes to show the students their improvements they have made with speed. The system would allow us to electronically time students in a host of different tests, both inside in the gym and outside on the football field. We would be able to give them a baseline of where they currently are, then work on improving their health and skill related components of fitness over the semester. We would then be able to retest them and show them their improvement because of the things we have done in class. We also have dedicated spots on our record boards for 40 yard dash and other speed tests. This would allow us to test and accurately keep records for these particular tests. | Kelly McMeekin | 9th-12th | \$ 1,125 |
| Elkhorn High School | <u>Vivi Presentation System, LG 75" TV, and Rimous LG TV Remote</u> | The purpose of this grant is to purchase and install the Vivi presentation system in my classroom. I will be able to pair it with my computer to allow students the ability to interact fully at our board. Daily lessons would be more engaging and interactive and allow for teachers to move about the room. | Olivia Myers | 9th-12th | \$ 605 |
| Elkhorn High School | <u>Camcorder, wireless HDMI system, camera switcher</u> | Our Striv program streams sporting events for all EHS sports so they can be viewed by friends and family from anywhere. We have 30 people in our Newspaper Convergence class that the Striv program runs out of. We also produce content for the video board at the stadium and will create content for the new video boards in the gym. This equipment will help us enhance our broadcast capabilities and produce content for the video boards. | Chris Jenson | 9th-12th | \$ 2,643 |

TOTAL ELKHORN HIGH SCHOOL CLASSROOM GRANTS

\$9,373