

# GRANT A WISH

## 2019-2020 EPSF Classroom Grant Program- Elkhorn High School Wishes

School	Grant Name	Description	Requestor	Grade	Amount
Elkhorn High School	<u>Technology Upgrade for Outdated Science Room</u>	Last year, I moved science classrooms to one that is located in a different wing. My previous classroom had an interactive whiteboard (Smartboard) that allowed for interactive presentations, slides I could write directly on, online labs, simulations, creating mixed student groups, and other interactive functionalities. In my current room, there is an older projector and a cloth canvas pull-down screen. In two months with this older technology, I find that I have had to revert back to more old school techniques and have had to skip some of what I had previously done because it just isn't possible with my current setup. I feel that as my students have moved forward with their technology, I have moved backwards, and I want to fix that mismatch. To make sure I am able to return to some of the method and activities I had done previously (and to just generally improve the flow of class), I would like to upgrade to a ClearTouch Screen. I have tested this screen personally by visiting the classrooms of teachers who are currently using it, and I feel it would be the best fit for what I am trying to accomplish. It has the best whiteboard functions and is the most compatible with Powerpoint. I feel it is also superior in terms of its ability to use online simulations and video clips with ease. In conclusion, I feel that this upgrade would bring my classroom back to the current decade in terms of technology, and would help me include more interactive pieces to my lessons.	Tiara Brown	9th & 11th	\$4,200
Elkhorn High School	<u>Document Camera - Art</u>	With growing classroom sizes at EHS, presentation space has become limited in the art department. The document camera will allow for teacher demonstrations to happen on the overhead screen. Students will be able to follow the steps of the instructor while working at their work stations. A step by step process will allow the students to view a working example as they create their own image.	Jay Thiltgen	9th-12th	\$400
Elkhorn High School	<u>EHS Robotics</u>	This grant is used to purchase the VEX parts needed for 3 EHS teams to compete in robotics competitions ( <a href="http://www.robotevents.com">www.robotevents.com</a> ) in 2019-2020. From the VEX website: "The VEX Robotics Competition, presented by the Robotics Education & Competition Foundation, is the largest and fastest growing middle school and high school robotics program globally with more than 20,000 teams from 50 countries playing in over 1,700 competitions worldwide. Each year, an exciting engineering challenge is presented in the form of a game. Students, with guidance from their teachers and mentors, build innovative robots and compete year-round." Through the EHS robotics program, students develop the following skills: collaboration, technical writing (engineering journal), programming, design, construction, communication, problem solving, leadership and more. They apply the knowledge they have gained in the classroom (math, science, ICad, programming, writing) in practical/hands-on ways. Next year will be our 9th year and each year VEX has become more popular and competitive - it challenges students to develop advanced game strategies and creative/competitive designs. Although VEX parts are expensive, VEX continues to improve robot functionality; they released a major upgrade this year, keeping current with technical advancements in both hardware and software. The Foundation's investment in VEX has clearly been a good choice for the EHS robotics program.	Kim Johnson	9th-12th	\$2,550
<b>TOTAL WISHES</b>					<b>\$7,150</b>