

**Hillsboro Schools Foundation Innovative Grants
2022 – 2023**

Middle School Makers, Evergreen MS, Sean Fishback. Transforms the technology class into a maker space. Students can harness an idea, capture and refine it in 3D computer drafting, and then print, cut, or carve the final product using 3D printers, vinyl cutters, and a CNC Carver.

Ukuleles for All, Free Orchards ES, Mark Anderson. Upgrade Free Orchards School's ukulele inventory to replace aging baritones with new, more accessible sopranos, and a storage rack to free up counter and wall space. Includes classroom sets of 35 with strings, tuners, and book.

Enhancing Biliteracy Through Technology, Free Orchards ES, Ada Armenta. Project uses educational technology to support implementation of the three pillars of dual language. Mystery Doug for the entire school leads students through the scientific process to find answers.

Cutting the Path to a Better Team Future, Glencoe HS, Williane Tenca, Jean Tenca and Scott Jackson of Shockwave Robotics. Purchase a Laser Cutter Machine and supplies that are necessary to the development and construction of team robot. Develops hands-on learning experience in modern industry standard machinery. For use by the Nationally recognized Hillsboro Shockwave team, and classroom students.

YOU ASKED FOR THEM, YOU GOT THEM! Graphic and Spanish Language Novels, Poynter MS, Kimberly Parrett. Stocks Poynter MS library with 296 new fiction titles that are current, culturally relevant, representative of student backgrounds, connect to social-emotional learning, in both Spanish and English, and in both graphic and text-only formats that the STUDENTS WANT to increase student engagement with books.

Sowing Seeds of Century Serenity, Century HS, Karla Brokaw, Laura Wilson. Reinvigorates the internal outdoor courtyards into spaces that refresh the mind and soul, and to give students an opportunity to reacquaint themselves with nature in an ever-expanding concrete jungle.

Danza Folkorico, McKinney ES, Reyna Lara Barajas. Ballet Folklorico is a music and dance program where children can grow skills and explore cultural diversity through dance. The program has been created by PAC members to celebrate and share Mexican culture. Funds Nayarit and Baja California style costumes for students.

Sew Into STREAM, Imlay ES, Shannon Lusk. Developing STREAM skills (science, technology, reading, engineering, art and math) through sewing, video game development, coding video production, and fine arts for Imlay K-6 students. The resources motivate students to come to school. They also begin to focus on the college pathways they can choose while in high school.

Century Makerspace Club, Century HS, Chris Winikka, Abiral Shakya (Student). Provides tools for after school extracurricular programs in STEM interests. Allows students to continue learning about engineering or other STEM activities. They brainstorm, do background research, create prototypes and create a final product. This is a current club that really needs a Makerspace.

"The Salmon Boy" Play, Tobias ES, Natalie Genter-Gilmore. Brings literacy, performing arts and science together for TOES 3rd Grade: "The Salmon Boy" play. The play relates back to Tobias collaboration with the Oregon Dept. Fish and Wildlife to hatch salmon eggs in classroom tanks. They built interdisciplinary lessons around social studies (geography, impacts of dams, Native cultural ties to salmon) and science, literacy and visual arts. They are also commissioning a Native American playwright to adapt the story for the school.