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The Wiseburn Education Foundation has a long tradition of supporting visual and performing arts programs. Funding provided by WEF helps WUSD cover the cost of salaries for arts educators, instruments, equipment, and art materials. For the 18-19 school year, the members of the WEF Board of Directors are elated to announce an increase in funding for new and expanded STEM programs, allowing students more opportunities to thrive in a STEAM-rich learning environment.

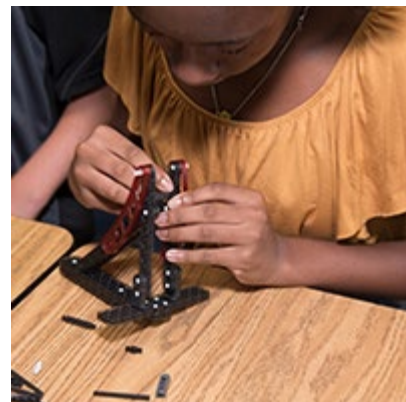


WHAT IS A STEAM EDUCATION?

A STEAM education involves a collaborative mix of science, technology, engineering, arts, and science. It makes learning more exciting and engaging and encourages children to be problem solvers and creative risk takers.

WHY IS IT IMPORTANT?

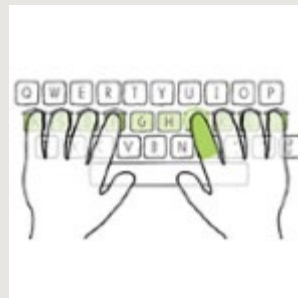
According to the US Department of Education, the total number of STEAM related jobs in the USA will increase by 14% over the course of this decade (2010-2020), a figure that is 5-8% higher on average than all other job sectors. A STEAM education will prepare our students - the future workforce - with skills and experiences desired by colleges and employers.



How Is WEF Supporting STEAM Education? Here are some of the programs funded by your donations!

Keyboard Software at Cabrillo

It's a common sight to see children using smartphones or tablets. Children have become adept at clicking, tapping, and swiping. Although students' use of technology is rapidly growing, often they lack essential keyboarding and computer skills. The first step in digital learning is to teach children how to use a keyboard, enabling them to type fluently and master computer functions more easily. WEF's recent purchase of the Keyboarding Without Tears software subscription allows Kindergarten - 2nd grade students to develop these necessary skills, which will become even more critical as learning standards in upper grades require computer-based testing.



NEW Elementary Coding Program at Burnett and Anza

Learning to program is challenging, and becoming a good programmer takes a lot of time and practice. Early exposure to programming triggers student interest and develops computational thinking and understanding of programming language. WEF is proud to support Wiseburn's Elementary Coding Program which allows students access to the world of coding. Funding provided will cover the purchase of Dot & Dash Robots and curriculum, plus accessories to teach Coding to 3rd - 5th grade students during Computer Lab sessions.



Hack-A-Challenges at Dana

Formerly known as Hack-A-Thons, the new Hack-A-Challenges will kick-off with an Ignite Talk. An industry expert will have five minutes to pique students' interests in a STEAM related subject. Break-out sessions follow each talk, with projects coached by Da Vinci High School students and STEAM professionals. WEF funding will cover material costs, awards, hospitality, and Saturday comp time for educators.



Girls Coding Club at Dana

Girls Who Code was founded with a single mission: to close the gender gap in technology. This national organization's focus is to build the largest pipeline of future female engineers in the United States. Under the guidance of math teacher Maria Garcia, Dana's Girls Who

Code Club will meet once a week at lunchtime. Meetings will incorporate Robotic Coding with use of CUE Robots. WEF funding will cover material costs and support for a Mother/Daughter coding event.



girls who
CODE

WEF's contributions to Wiseburn schools would not be possible without the generous support of our corporate and foundation partners, local businesses, and community members. There are many ways to get involved. Volunteer in a classroom, assist a club, or share your professional expertise at an event. Contact info@wiseburnedfoundation.org for more information on volunteer opportunities.

Wiseburn Education Foundation is a 501(c)(3) non-profit organization.
Tax ID # 95-4583405.

www.wiseburnedfoundation.org

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