

2022-2023 E3 Innovation Grants



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2022-2023 E3 Grant Funding

- 25 Grants Received
 - 22 Grants Partially Funded
 - 11 Schools represented
 - TK through 8th grade
 - \$10,000 in funds awarded
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Electives

Carl Strub - EIS - Pen Making
Deana Vasquez - HIS - Forensic Science

Mr. Strub's students LOVE the Woodshop elective, and their favorite project is making pens. Funding 2 new lathes will allow this motivating, multi-faceted STEM learning opportunity to continue.

With Mrs. Vasquez, students will become true detectives as they study Forensic Science. Students will dust for fingerprints, analyze footprints, examine evidence, and apply the Scientific Method to draw conclusions regarding their data collections.



Electives

Caroline Hansen - SIS - Authentic Artist Experience



Mrs. Hansen's middle school students will learn color theory, realism and abstract techniques, art genres, art styles, and elements of composition. Using drawings, paintings, sculptures or crafts, students will practice various art techniques, defend their work in critique, then display their work and their artist statement publicly at SIS.



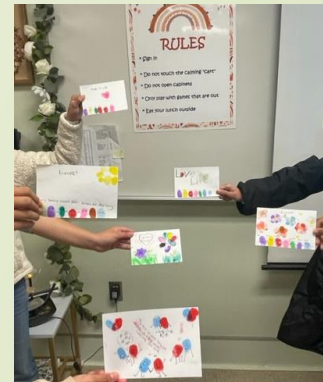
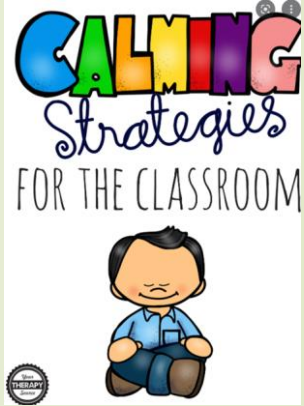
Wellness

Julie Aranke - Terra Vista

LaToya Townsend - EIS

Krystal Daniels - HIS

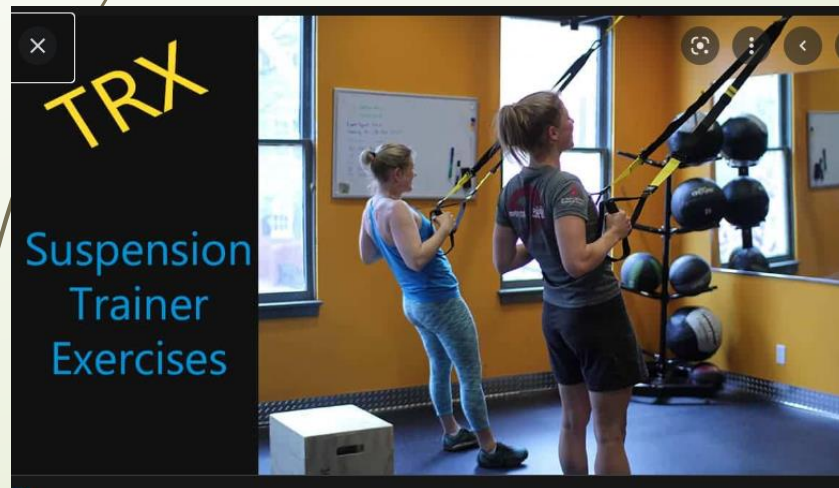
From Yoga basics and Healthy Nutrition kits in Mrs. Aranke's TK class, to Wellness Centers at the middle school level with Mrs. Townsend and Mrs. Daniels, E3 is pleased to support Wellness for students. Stress balls, calming sets, games that teach social skills and mindfulness, coping skill cards, art therapy and other activities that teach stress management and anxiety relief all contribute to the goal of self-regulation and healthy coping strategies to optimize academic success.



Physical Activities

Rosemary Kirkland - HIS
Emilee Young - Terra Vista

Supporting student physical fitness goes hand in hand with Wellness. Mrs. Kirkland and PE staff at HIS have a Fitness Room with spin bikes, rowers, elliptical machines, and free weights, and they are excited to add TRX Suspension Bands for a Total Body Workout. This low impact training method helps build core strength for students...and staff. Meanwhile, in Kindergarten at Terra Vista, young students will develop gross motor and fine motor skills with the addition of a K-sized basketball hoop and a scooter. Healthy bodies, healthy minds!



STEAM

Denise Kennedy - Solorio

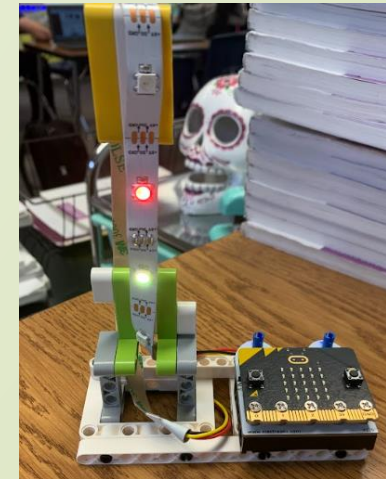
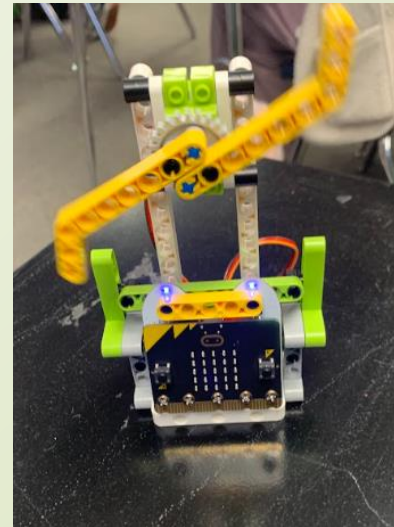
Lisa Kirtley - Perdew

Bethany O'Leary - East Heritage

Yvonne Rodriguez - EIS



In Mrs. Kennedy's classroom, primary students will learn coding to activate their Sphero robots. At Perdew, Mrs. Kirtley's 1st graders will become light and sound engineers working with Snap Circuit boards. 3rd graders with Mrs. O'Leary will learn about gravity, force and momentum as they create Chain Reaction Kits. 8th graders with Mrs. Rodriguez will use block coding to build a project and have it perform its function by reading the code on their micro:bit.



Engaging in Social Studies

Greg Noyes - HIS

La Tawnya Robinson - HIS

As a former teacher, Mr. Noyes found great academic value in posting a National Geographic giant world map in his classroom. At 6 feet tall and 10 feet wide, students were able to approach and actively engage in topics such as geography, exploration and more. This grant will bring this same opportunity to 7th grade classes at HIS.



Mrs. Robinson would like to bring history alive for her middle school students. Wearing her own period costume, she will engage students in role playing and interactive lessons as they learn about Westward Expansion. With the help of a tripod and a green screen, students will use their creativity and knowledge to create video documentaries of historical people and events to help bring history to life.



TK - Early Education

Denese Lautenslager - Caryn
Vanessa Smith - Grapeland

In alignment with the new TK FrogStreet curriculum, Mrs. Lautenslager's goal is to utilize the program's classroom management techniques - methods that turn everyday situations into learning opportunities. Materials include self-regulation tools, multi-ethnic dolls for inclusiveness, music and calming rituals and more.

Similarly, in Mrs. Smith's TK classroom, learning will be enhanced with Keva Block building sets, hands-on materials for literacy, musical instruments for self-expression and calming cube chairs for self-regulation. TK is a busy place!



Mathematical Thinking

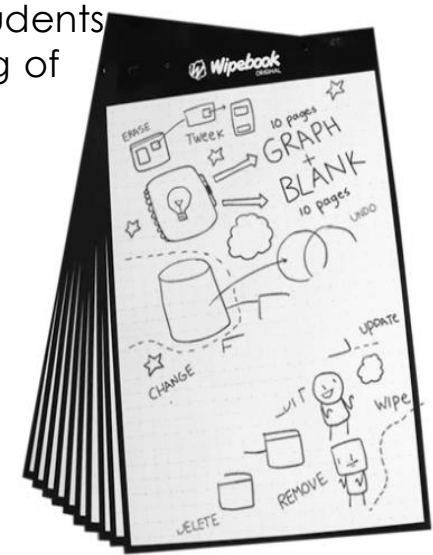
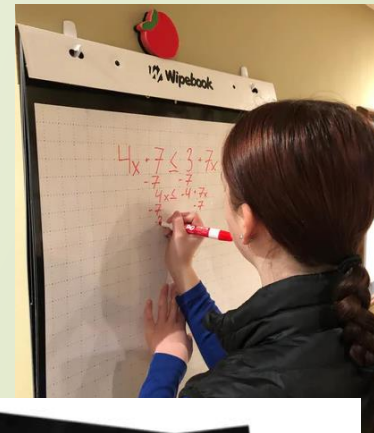
Ariel Collisson - HIS

Patrick Campbell - CP Lightfoot

Jennifer Aguiar - SIS



Developing mathematical thinking strategies is a basic tenet of academic success. Mrs. Collisson's middle school students will excel in math skills with scientific calculators providing them accuracy in computation while opening the doors to high school integrated math. At CPL, Mr. Campbell will develop critical, analytical, and computational thinking through his afternoon Chess Club. 6th grade teachers at SIS will provide engaging learning with the use of Wipebooks—tabletop dry erase boards used in groups to engage and provide equal participation of students as they demonstrate their understanding of mathematical concepts.



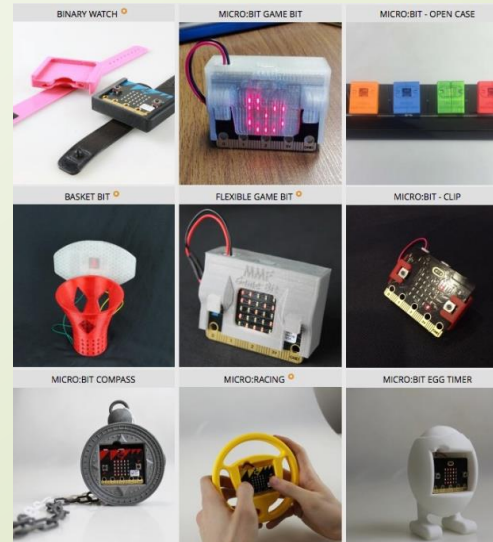
Technology

Enrique Rosas - SIS

Jessica Torres - SIS

At SIS, Mr. Rosas teaches Shark Bytes - an introductory video production course for 8th graders. Students work in teams learning video control, special effects, staging, directing, and more. Their learning is limited due to their outdated iPads. With two new iPads, their creativity and knowledge will grow exponentially. More STEM at SIS occurs in the Computer Science class of Ms. Torres where a 3D printer will dramatically enhance the tech expertise of students.

Students have already been writing code which is saved on their micro:bit. Students normally build physical objects with construction paper to display their devices, but now, with a 3D printer, they can create designs to hold their devices. For example, if they code a step counter, they will create an ankle strap or wrist watch to hold the microbit while it tracks their steps.



Engaging All Learners

Brittany Borbon - Golden

Research has demonstrated that students of all ages have various learning styles, and, consequently will often respond more positively in an environment that addresses their specific sensory needs. In Mrs. Borbon's RSP classroom, by allowing students to choose flexible seating options, such as Wobble chairs and Softspace seating, it is her goal to enhance their learning environment allowing them to place more focus on the academic tasks at hand.





**THANK YOU,
PRINCIPALS!**

Thank you for your partnership
in supporting our partially
funded grants!

Congratulations

E3 Grant Recipients!

We look forward to supporting our
teachers as they work their way
through this year of
Wonder- Explore- Discover

*You will be notified when
funds are available.

