

GEF 1st Semester 2023/24

1) The Value of a Multisensory Approach to Reading

GES, Lori Fuller & Lisa Hartshorn

Research shows that a multisensory approach to reading supports all students with literacy skills, especially those who struggle with reading. As educators, we know what it is like to work with children who catch on quickly. But what can be done for children who are taught those same letter sounds, have seen those same flashcards countless times, and still can't remember which letter makes which sounds? If a child doesn't respond to and recall information in the traditional ways, it is important to consider how the brain receives information. Multisensory instruction is a way to teach that engages more than one sense at a time and uses sight, hearing, movement, and touch that gives students more than one way to connect to what they are learning. These activities help all students with literacy skills, especially those who struggle with reading.

2) Under Pressure

GHS, Mary Cook

All levels of Chemistry have standards relating to atmospheric pressure and its relationships with the behavior of gasses. Currently, there is no working vacuum pump in the high school science department. This limits the live demonstrations we can do for students in which the number of particles is a variable, like it is in the atmosphere, and instead must be supplemented with videos.

3) The Early Bird Gets the...STEM

GMS, Pam Bice & Kat White

STEM education is critical in preparing the next generation for success in an increasingly technology-driven and complex world. As we continue to advance in science, technology, engineering, and mathematics, it is essential to provide students with hands-on learning opportunities that foster creativity, problem-solving skills, and a deep understanding of STEM concepts. We are seeking funding to establish STEM bins within our science classrooms and library to address these needs.

4) Seeing Beyond the Pasture: Empowering Education with Cow's Eye Dissection Kit

GMS, Meg Haller & Pam Bice

Granville School District and its science teachers are committed to providing students with hands-on, experiential learning opportunities that not only reinforce classroom teachings but also foster a deep passion for science. One of the most effective ways to achieve this is through practical experiments and dissections. This grant addresses the grade 7 Ohio State

Standard of using investigation and experiments (3-D and virtual) to demonstrate understanding of connecting energy transfer and waves to the natural world. Real wave data (e.g., oceanic, seismic, light, sound) can be used.

5) GMS Media Equipment

GMS, Maddox Kempf (student) & James Browder

As a media class, we need technology to do our job well. We largely rely on technology that students bring with them, mainly cell phones. However, we need the accessory equipment that goes along with this powerful device. Since the largest part of this course is video, we need microphones, tripods, gyro-stabilizers, and so on to create the type and quality of content our end user will want to interact with. We have some of these items, but we do not have enough for everyone, leaving some unable to do their work as they wait for technology to return.

6) 6th Grade Science Monarch Waystation

GIS, Dustin Grime

My plan is to install a Monarch Waystation Garden this year outside of the sixth grade pod. We have a perfect patch of land between the building and the new sidewalk that would provide ample space for us to work with.

7) Classroom Amplifier

GES, Amy McKenzie

I would like to use an amplifying system in my classroom to increase engagement, communicate clearly, and improve student attention and focus throughout the day.