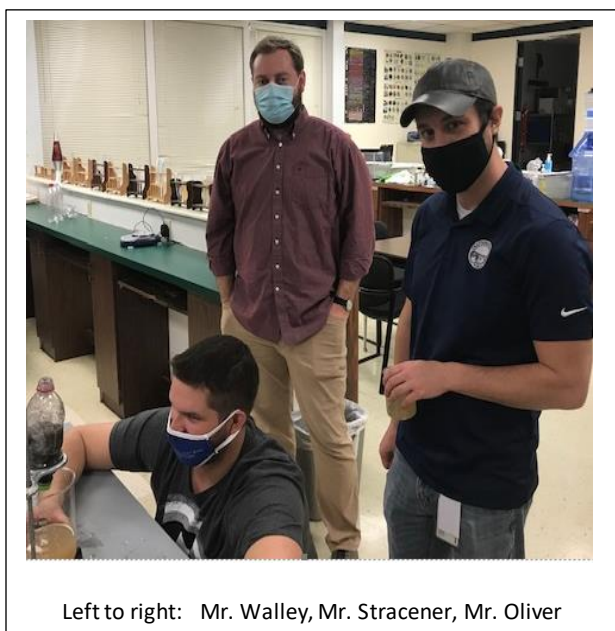




Intrigue, innovation, and inspiration guide our students to be visionary advocates.

### The Great “Clean Water” Challenge.



Left to right: Mr. Walley, Mr. Stracener, Mr. Oliver

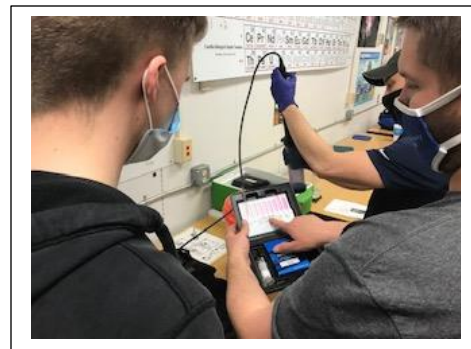
Clean water has been a growing concern over that past few decades. The Harrison Bay FRC Chemistry class and Scientific Research class were both studying about filtration and substances that can naturally filter H<sub>2</sub>O. This study led to the “Clean Water Challenge” PBL between science classes led by Mr. Walley and Mr. Stracener.

Students had choice in selection of filtration elements and substances along with how they would secure those substances. Some burned wood to make charcoal, others used briquettes and a mortar and pestil to create carbon filtration powder. Other substances used were rocks, sand, moss to name a few.

Water Specialist Mr. Joshua Oliver, a college buddy of Mr. Walley, was invited to Harrison Bay as the official judge of the contest but also bringing with him the appropriate equipment

Required to measure levels of particles in the filtered water. Mr. Oliver’s expertise is in the area of Environmental Science with an emphasis in water studies and data.

The winner of this contest was EVERY student because they were highly engaged in not only the lab activity, but the study leading to this PBL contest. This activity definitely involved intrigue, innovation and inspiration as we say some great collaboration among students along with pride in their final product. It mattered to them how clean their water was, and not because they had to drink it after.



Congratulations do go out to Donnie Roach and Logan Wells for coming up with the cleanest water as you can see from the sample picture below, and water that could easily be drinkable.



Follow to the next page to see other pictures of the classes and students preparing for the final moment of measurement.







Scientific Research Class Pictures



Chemistry Class Pictures