

# The Gifted Tribune

Mrs. Sarah Skelton- Gifted Coordinator

## Students' Corner

### **High School Students Participate in the 8th Annual Manufacturing Day**

On October 13, the Manufacturer and Business Association hosted its eighth annual Manufacturing Day. This is one of the biggest student centered events in Erie. More than 1,000 students, teachers, administrators and industry advocates participated in Manufacturing Day. The Exhibit Hall had over 80 tech and interactive demonstrations, including 3D printing, robotics, CNC machining, and drone technology! In addition, there were cutting-edge breakout sessions with a diverse group of industry experts to learn about the high-paying jobs available in a variety of manufacturing industries.

This year the students participated in new and informative break out sessions of their choice. This opportunity, allows students to explore opportunities within various career fields. This is a wonderful chance for our Iroquois students to see potential careers in manufacturing. This event is hosted every year, and grows in popularity. In fact, this year, there were over 1,000 student participants from all over Erie County.

## **IES Students board Gannon University's Environaut**



### *Students set sail aboard the GU Environaut*

The IES gifted students sailed on the Gannon University Environaut. This research vessel serves as an educational platform for current college students at Gannon. The IES students had the privilege of working with the crew in exploring the Presque Isle Bay. Despite the cold, rainy conditions, the students had a great time studying the water quality. Aboard the Environaut, students sampled the water quality, tested the visibility and depth, and identified water pollutants.





## Upcoming Events

Important Dates:

- November 22- IES Trip to TREC- start Stewardship Action Project
- December 6, 2021- Hack-A-Thon for elementary students
- December 15- MHS- College Prep Workshop Series
- January 12- MHS trip to Erie Insurance
- January 27- MHS Forensic Science Trip to Mercyhurst University
- February-9 - MHS Hamot Tour
- February - TBD Courthouse Tour
- Spring 2023- Forensic Escape Room at the Erie Art Museum

\*\*\* Please visit Schoology for additional information regarding the gifted program

[www.schoology.com](http://www.schoology.com)

**IHS Gifted Braves Access Code:**

**4574-S39P-N6FGP**

**IES Gifted Braves Access Code:**

**5ZSV-KG83-6XPH7**

Later in the day, the students traveled to the Tom Ridge Center to work with members of the Regional Science Consortium. The RSC provides our IES students with hands-on STEM education and allows them to dive deeper into topics that directly impact Lake Erie and Presque Isle. The School District has a membership with the RSC which allows the students to visit monthly and engage in a number of STEM related activities. These activities are geared towards critical thinking and higher level problem-solving skills. Students of all ages enjoyed the interactive activities. See more pictures from the fun-filled day on page six.

## **IES Students “Go Green”**



Students will help design a more “Eco Friendly School”

This fall, the IES Gifted students, in conjunction with the Regional Science Consortium (RSC), will begin a new stewardship action project. *The Stewardship Action Water Program: students leading the initiative to conserve and monitor water in their schools and community!* This project will provide students the opportunity to create environmental awareness and responsibility among their community, resulting in a positive behavior change while making their school more environmentally friendly! The initial goal is to reach the designation of an “Eco School”. From there we will work toward being designated as a “Green Ribbon School.” The students will begin working on their project in the fall and it will carry out for the entire school year. This is a really unique

opportunity for students to make a difference in their school. Project updates in next edition.

## **High School Students Participated in Business Day at Behrend**

On October 28, high school students participated in a day long event at Penn State Behrend. Students from Erie, Crawford and Allegheny County High Schools participated in mock business courses. Behrend Business Day is designed to help students gain an understanding of business basics by having them participate in a variety of activities. Mock business courses, for example, give teens an idea of what to expect when taking classes in a business major, such as accounting, finance and management information systems. These experiences may help them determine whether they would like to pursue these fields after high school. Participants also network with Behrend faculty members and learn about the various academic programs offered by Behrend. This event also included lunch at the Cafe and a campus tour. The students were engaged and had a great time!



Iroquois students participated in Business Day at Behrend

***PAGE advocates for gifted children, their parents, and the people who educate them. If you're interested in becoming a PAGE member, visit: <https://www.giftedpage.org/why-join-page/>***



**Full STEAM Ahead, The Iroquois Middle and Elementary Students Visit Behrend**

On November 15, students from both the elementary and middle school enjoyed a day full of hands-on fun at Penn State Behrend. Compliments of the Penn State Outreach Program, the students participated in several engaging STEAM activities. First, the group visited the planetarium and viewed a show on glass in telescopes. Students learned about the different types of telescopes and how to utilize the instruments to observe the most optimal aspects of space. They viewed a light show that included a lesson on the galaxies, including the Milky Way. Then, the group headed up to the Innovation Center and worked with Mr. Martin (Gabby's Dad) and the Engineering Outreach Team for the rest of the activities. Students explored potential and kinetic energy. They built a roller coaster that transformed potential energy into kinetic energy through a friendly competition. The students then enjoyed a delicious lunch from Bruno's Cafe. The all-you-can eat buffet did not disappoint. To conclude the event, students participated in an activity called "Ship the Chip." Students explored how engineers develop chair lifts while fostering teamwork, as part of the "real-world" design projects. Students designed their own paper airplane launcher made out of Legos. It was a wonderful day, enjoyed by all! See more pictures from Penn State on page seven.

**Braves Cafe Started Back Up in November**

The *Braves Cafe* was an initiative that started pre-COVID. And now, we are happy to announce that Iroquois kicked off this event in November. We invite guest speakers from various career domains to come and talk to the students during tutorial. On November 10, Dr. Wise, Director of Pharmacy at LECOM, was our first guest speaker. She talked to about 45 students about medical careers, particularly pharmacy. Before med school, Dr. Wise was a former high school Biology teacher, so she was very effective in relating to our students.





Then, on November 17, Dr. Jerry Clark, retired FBI agent and current professor at Gannon University, presented to the entire school about career opportunities in Law Enforcement, Criminal Justice and Forensics. Dr. Jerry Clark holds a B.A. in Psychology, a M.A. in Forensic Psychology, and a Ph.D. in Public Safety with a specialization in Criminal Justice. His background includes 27 years of experience in local and federal law enforcement, including the Federal Bureau of Investigation (FBI), Drug Enforcement Administration (DEA), and Naval Criminal Investigative Service (NCIS). He has extensive experience in public-safety leadership, complex investigations, special weapons and tactics, threat and risk evaluation, law enforcement intelligence and interviewing techniques. Prior to his retirement from the FBI in June 2011, he was the senior investigator on major crimes for the FBI's Erie Resident Agency. In that capacity, he was the lead investigator on the "Pizza Bomber" case; one of only a select number of Major Cases in the FBI's history. He is the co-author, of four books: including *"Pizza Bomber: The Untold Story of America's Most Shocking Bank Robbery"*, which is set to be made into a feature film. Jerry is also featured in the Netflix Documentary "Evil Genius."

Dr. Clark captivated his audience for 60 minutes. He recalled several important events from his law enforcement career, while highlighting his greatest achievements. Dr Clark ended by asking for questions, which continued until the bell. This by far was one of the most entertaining presentations, as Dr. Clark is truly one-of-a-Kind!



## **IES Students survive the GU Environaut: September 2022**



Students brave the cold waters of Presque Isle Bay!



Ivy and Savannah smile through it all!



Camden and Jakob test the water quality.



Camden tests for bacteria back in the lab.



Keenan and Cricket all smiles!  
Gifted News

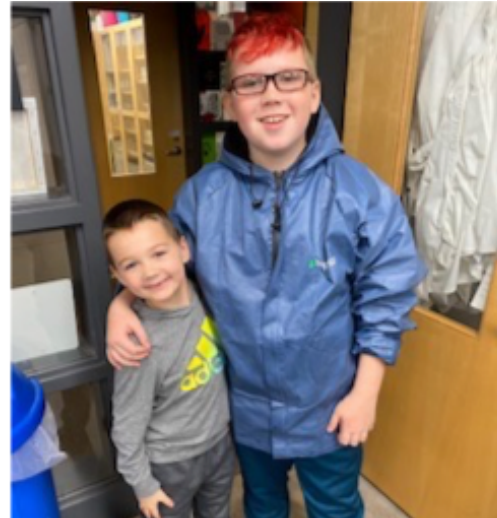


Violet, Camden and Jakob enjoy the Environaut!





Students learn about water quality testing.



Jacob and Trevor work together!

### More Pictures from Penn State Behrend on 11/15:



IES students pose with the famous Nittany Lion!



Trevor and Violet design a roller coaster



Ivy and Savannah team up for the activity.



Jakob and Jacob demonstrate teamwork.

More Pictures from TREC on 11/22:



The students enjoy the beautiful view!



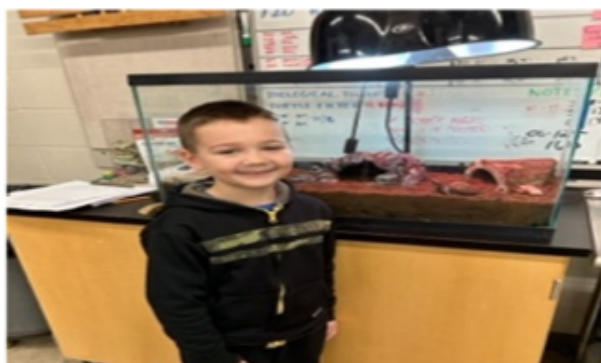
The class poses in front of the turtle exhibit!



All smiles on our field trip!



Students test for bacteria in the water



Jacob visits the turtle lab.



The students enjoy a friendly game over the lunch break.



Brain Teasers: Can you figure out what each box means?

## Word Puzzles Brain Teasers

me right	<u>    </u> read <u>    </u>	o_er_t_o_	<b>CHANCE</b>
stefrankin	XQQQME	history history history	Arrest You're
settle	BIG BIG ignore ignore	\$O all all all all	<b>COFFEE</b>
time time	<b>HEART</b>	chair	chawhowhorge
<b>NO</b> <b>NO</b> <b>RIGHT</b>	<b>1111</b>	SITTING THE WORLD	<b>ME 10NE11</b>

Table Talk:

A typical American child watches three and half hours of television each day. A typical American child goes to school for six hours a day By the time they reach the age of 65, most Americans have watched more than 9 years worth of TV. If there was suddenly no more TV or electronics, what would you do with your free time? What activities do you enjoy? This is a good time to brainstorm alternative activities with your family!