



# Horizons

Volume 4, Issue 19 - March 25, 2022

## HIGH SCHOOL SCIENCE OLYMPIAD TEAM COMPETES IN NEW YORK STATE COMPETITION

The High School Science Olympiad Team competed in the New York State Competition on Friday, March 18th, and Saturday, March 19th at LeMoyne College in Syracuse, NY. They were accompanied by their coaches, Briana Becker and Dennis Petercsak.

Rachel Ma and Kashi Benkal earned 3rd Place in the "Gravity Vehicle" event. We congratulate them on this achievement!

Below is a photo and list of the students who competed at States:

Snehal Adabala  
Matvey Baranov  
Kashi Benkal  
Liz Furman  
Navya Gautam  
Viraaj Hedge  
Rithika Katla

Pranav Lanka  
Rachel Ma  
Sreenand Mallisetty  
Dharmik Namineni  
Jared Palahnuk  
Sharvani Rao  
Sahi Sagiraju





# FIRST ROBOTICS TEAM 358 WINS INDUSTRIAL DESIGN AWARD AT COMPETITION

The FIRST Robotics Team 358, won the "Industrial Design Award" at the "SBPLI (School Business partnerships of Long Island) Regional Competition" which was held at Hofstra University. Advisors, Anthony Gibson and Sal Sparacino, helped lead the way. Sal is a former team member and graduate.

Students on the team are:

James Abruzzo	Rachel Ma	Arjun Sanini
Kyle Adams	Ryan Marchese	Varsha Saravanan
Griffin Capece	Joseph Mathew	Joseph Sheridan
Alina George	Christian Mieses	Samyuktha Vattigunta
Edward Goutink	Julia Mullane	Dustin Zaho
Dennis Lynch	Riley Rosini	Melody Zhu

Mentors who are former Hauppauge students are:

Antanas Bobelis	Bradley Calvao	Dennis Collins
Alex Bozeat	Casey Collins	Brandon Fanelli

Other Adult Mentors are:

Mr. Sal (Sal's Father)	Gary DiBiccari
Darius Bobelis	Mark McLeod



Congratulations to all on a job well done!



**FIRST Robotics Team 358**

## ELEMENTARY STUDENTS PARTICIPATE IN SCIENCE FAIR

Our Elementary school students from Bretton Woods, Forest Brook and Pines are participating in an Elementary Science Fair.

Results will be announced in next week's issue of "Horizons." In the meantime, here are the links to each school's Science Fair Website, where you can view the projects.

Bretton Woods: [Click here](#)

Forest Brook: [Click here](#)

Pines: [Click here](#)





# MIDDLE SCHOOL AND ELEMENTARY STUDENTS COMPETE IN ‘SUFFOLK COUNTY ART LEADERS ASSOCIATION’ CHILDREN’S SHOW

The “Suffolk County Art Leaders Association” held a children’s show this past weekend at the Old Town Hall in Babylon. Students from our Middle School and elementary schools were represented.

The students who participated are:

Charlotte Carruthers	Lilly Muilenburg
Ivory Catanzaro	Ella Muilenburg
Vincent Giattino	JJ Muilenburg
Autumn Lefebvre	Dylan Donato

Ayra Rhimie
Vincent Diesso
Drew Donato
AnaSophie Mansfield
Vincent Diesso
Matthew Watkinson

Here are some photos of the proud artists and their work.



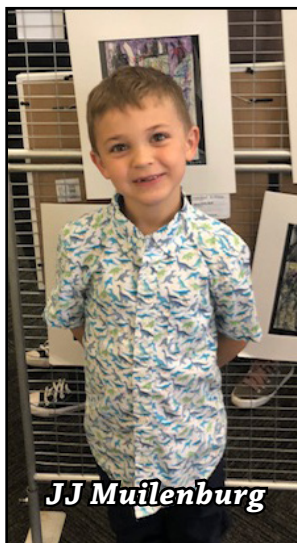
**Lilly Muilenburg**



**AnaSophie Mansfield**



**Matthew Watkinson**



**JJ Muilenburg**



**Ella, Lilly, and JJ Muilenburg**



**Ella Muilenburg**



## FOREST BROOK “CHOOSES LOVE”

Forest Brook Elementary School students recently wore yellow for “Forgiveness Day” as part of the “Choose Love” movement, which describes forgiveness as a gift we give ourselves. It allows us to sever our connection with pain and suffering that is caused by wrongdoing. It does not mean that we forget or condone something that has happened, but allow ourselves the freedom to move on in a positive way.

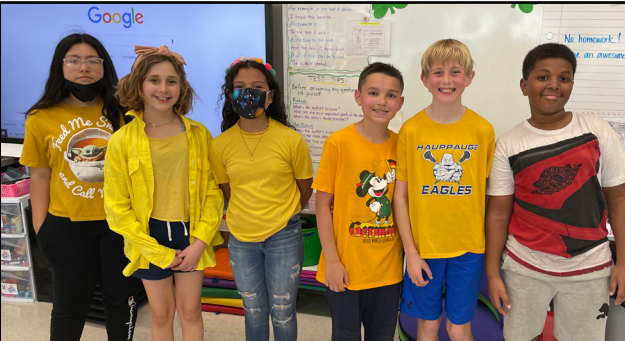
Here are some lovely photos of the students.



*Continued on next page . . .*



# FOREST BROOK - "FORGIVENESS"





## BRETTON WOODS STUDENTS PARTICIPATE IN “GoIT PROGRAM”

Tata Consultancy Service’s “GoIT Program” empowers today’s youth to become the “Digital Innovators of Tomorrow.” The students in Mrs. Weeks and Mrs. Dungate’s 5th grade class in Bretton Woods Elementary have participated in this project since September.

Students worked through 6 modules and learned about the STEM skills gap and what it means to be a computer scientist. They learned how to use the Design thinking process to solve problems and create innovations. They worked on innovations involving umbrella design and even made improvements to MRI machines.

The students were introduced to the United Nations Sustainability Goals and put into groups to decide upon a goal that had meaning to them. Since TCS sponsors the NYC Marathon and Half Marathon many students looked at sustainability in sports as well as other environmental and health related issues.

Students created storyboards for an app design and then used “Code.org” to actually create an app. They made Google slide shows and a 3 minute video to pitch their product. Just like in Shark Tank! The videos were presented at a virtual assembly from 4:30 - 6:30pm on March 22, 2022. The 7 teams were judged by Alexandra Criscolo from “NYRR” and John Dichiara, Senior Manager of “Global GoIT.”

Students were asked questions by the judges which had to be answered quickly. Three teams were announced as winners in the competition.

### First Place - “SeasofGaming”

Team Members: Reyhan Kurtoglu, Darwin Marek, Kaden Ahmed, Bobby Sznurkowski  
These students created an app to eliminate plastic from the oceans through a gaming platform.





Second Place - "Healthy Plant"

Team Members: Vaidhavi Hedge, Morgan Thomson, Olivia Romano

These students created an app that tells you how to keep plants healthy and pest-free. It also tells you whether your particular plant may have allergens associated with it.



**Second Place Team  
"Healthy Plant"**

Third Place - "Robot Ready"

Team Members: Tyler Thomson, Donovan Feliciano, Logan Navarro Trejo

This team created an app that controls robots that would pick up discarded garbage, clothing, and other items at road races that can be sorted into trucks. Discarded fruit items would be sent to a compost facility, clothing to donate the needy, and plastic for recycling.



**Third Place Team  
"Robot Ready"**

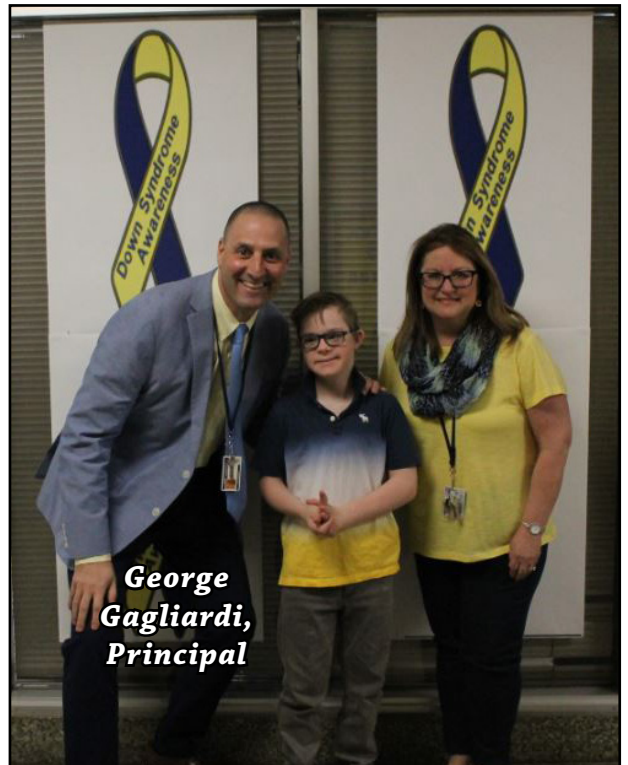
All of the participants will receive a certificate and the winners will receive a bag with various items. The students are thrilled and they answered every question the judges threw at them like CEO's of major companies. We are so proud of them and we know that they will make such a positive change in the world! If you would like to view the presentation, [click here](#). Great job!!!



## BRETTON WOODS STUDENTS WEAR YELLOW AND BLUE FOR "WORLD DOWN SYNDROME DAY"

On Monday, March 21st, Bretton Woods acknowledged World Down Syndrome Day. The students and staff wore yellow and blue. Students were given a ribbon cut out to take home, color, and hang at home to show their support. An activities packet was distributed to all students and there was a selection of books and videos in the main office that were made available for all the classroom teachers.

World Down Syndrome Day is marked each year on March 21st, beginning in 2006. The 21st day of March was selected to signify the uniqueness of the triplication of the 21st chromosome which causes Down syndrome. Every year on March 21st, World Down Syndrome Day is observed to create awareness about Down syndrome.



**George  
Gagliardi,  
Principal**





## HIGH SCHOOL GERMAN STUDENTS ENJOY A WELLNESS EXPERIENCE ON A VIRTUAL SCHOOL FIELD TRIP

Hauppauge's German students recently teamed up with Ms. Nathalie Vitakova, a German native and yoga instructor, to take part in a virtual experience of mindfulness, self care, and of course-Yoga!

Self care is not only important, but highlighted in the month of February due to Hauppauge High School's very own "P.S I Love You" month. This in school field trip took place in the school's back gym on February 16th. As Nathalie joined our call, students were greeted and spoken to in German for the entirety of instruction. This gave students the opportunity to hear and understand German in a whole new setting. Alongside the yoga lesson, they continued their morning of wellness with Hauppauge's favorite healthy treat, SoBol!

In German culture health is a top priority. Did you know, "Berlin is now known to many as the vegan capital of Europe," and, "Germany is home to the world's first fully-vegan supermarket chain – Veganz."

This virtual field trip was a great way to stay safe and healthy, and an even better way to kick off the February break!

Thank you to German language teacher, Danielle Cardi, for the article and photos!



**Nathalie Vitakova**  
**German Yoga Instructor**





## GERMAN VIRTUAL FIELD TRIP





## HIGH SCHOOL GERMAN CLUB STUDENTS HOLD A "SWEET" FUNDRAISER

From February 9th-11th, the Hauppauge High School German Club teamed up with Youth and Community Alliance in a "sweet" fundraiser for Hauppauge's "P.S. I Love You Day." The fundraiser earned \$300! All proceeds went to the "American Foundation for Suicide Prevention."

This money was raised with the help of some sweet treats. Members of the German club sold yummy goods such as cake pops, hot cocoa bombs, cupcakes, and hot chocolate. The cupcakes and cake pops were favorites for two consecutive years now!

Both clubs were extremely grateful to have been involved with such a prominent fundraiser for "P.S I Love You Day." This day recognizes the severity of suicide awareness, and expresses the importance to check up on those around you. German Club hopes that everyone enjoyed their lovely treats, and please remember, you are never alone.

Thank you to German language teacher, Danielle Card, for the article and photos!



# P.S. I Love You





## HIGH SCHOOL ENVIRONMENTAL CLUB MEMBERS WORK TO MAKE A POSITIVE IMPACT

The 2021-22 High School Environmental Club are working to make a positive impact at the high school. Club President, Laura Lima, and her fellow club members have placed in high school classrooms, collection boxes for both plastic water bottles and cans. Every week the bottles and cans are collected by the students and brought to a recycling center.

Now that Spring has arrived, the Environmental Club will add bi-weekly outdoor clean-ups on school grounds. Be sure to wave when you see them on Wednesday afternoons making their rounds.

The Environmental Club members hold leadership and participant positions with the Town of Islip "Keep Islip Clean" program which aims to improve the quality of life in our community.

Thank you to this awesome group of students who are making a difference at the high school and in the greater community! Special thanks to their Faculty Advisor, Andrew Becher.

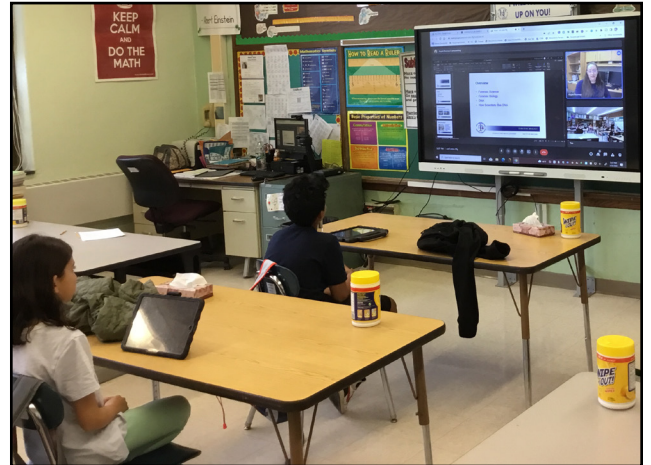
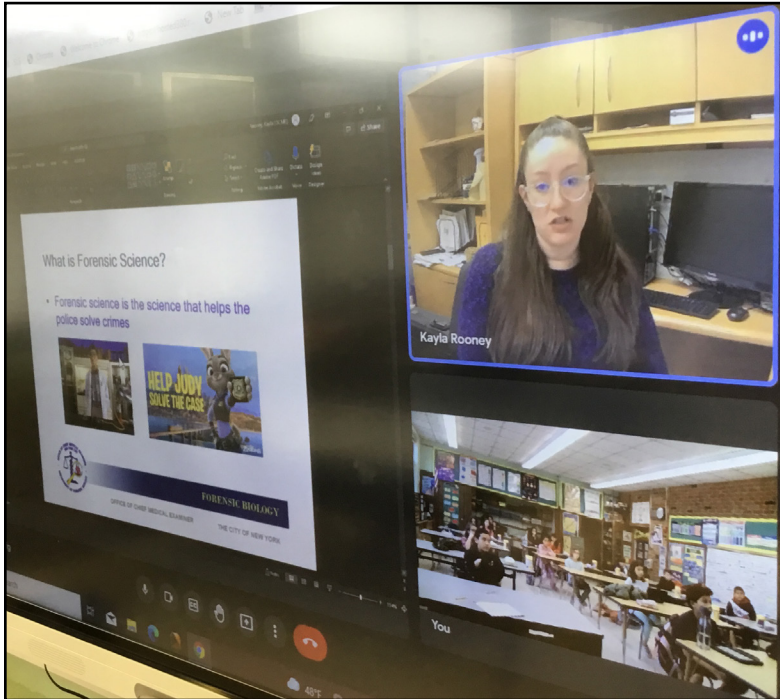




# THE BRETTON WOODS FORENSIC CLUB WELCOMES A GUEST SPEAKER

On Wednesday, March 23, 2022, the students of the Bretton Woods Forensics Club were given the opportunity to meet and speak with medical examiner, Kayla Rooney. Ms. Rooney is a criminologist who works for the New York City Office of the Chief Medical Examiner. She skillfully spoke with the students about forensics and DNA technology, sharing how she uses DNA in her occupation.

After Ms. Rooney gave her presentation, students were able to ask her questions and learn more about how DNA helps in investigative procedures. It was a remarkable experience for these students and one they will not soon forget.





# THE BRETTON WOODS FORENSIC CLUB SOLVES A MYSTERY

The students of the Bretton Woods Forensics Club have been busy at work learning how to use their detective skills to solve a mystery. On Wednesday, March 16, 2022, Miss Capone's math trophies went missing from the Bretton Woods Math Center. A ransom note was left behind at the scene of crime.

Miss Capone had the students analyze the crime scene and look at handwriting samples from various teachers at Bretton Woods to figure out who might have taken the trophies. Students closely inspected the evidence and made comparisons between the ransom note and the teachers' handwriting samples.

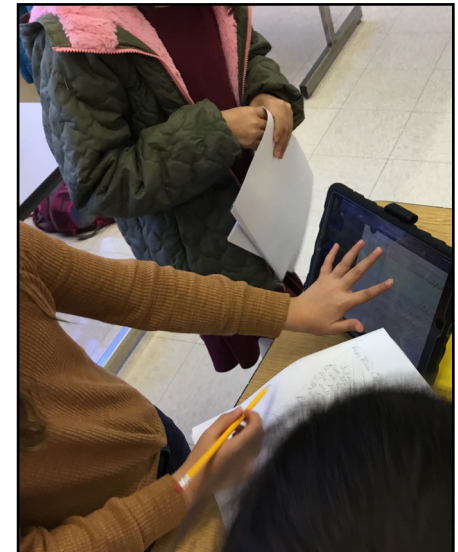
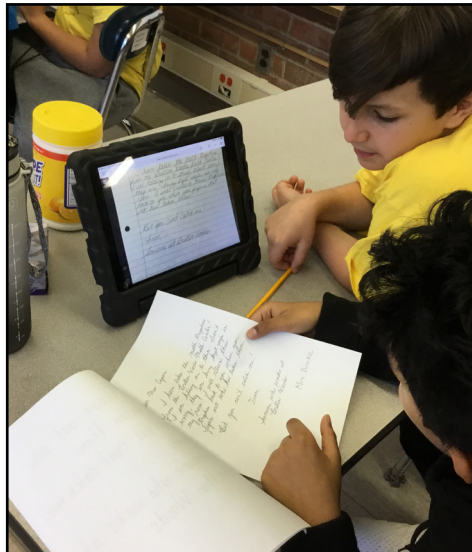
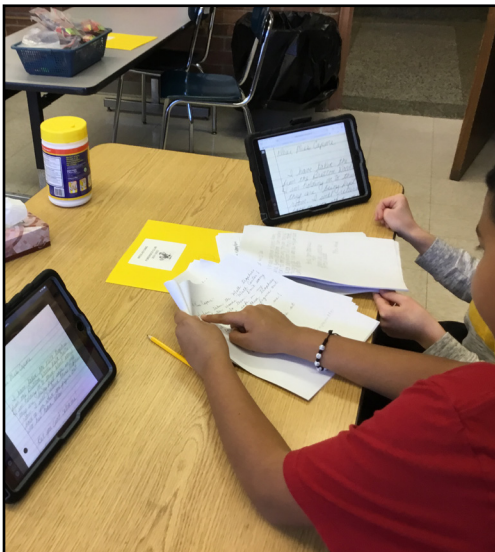
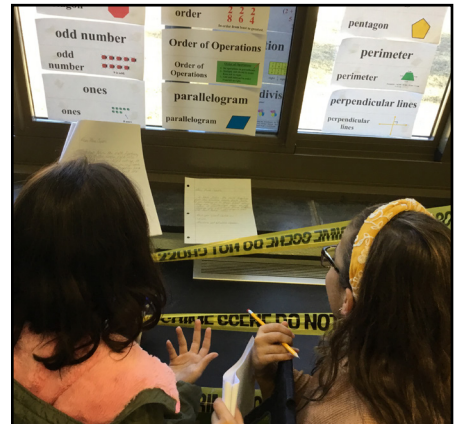
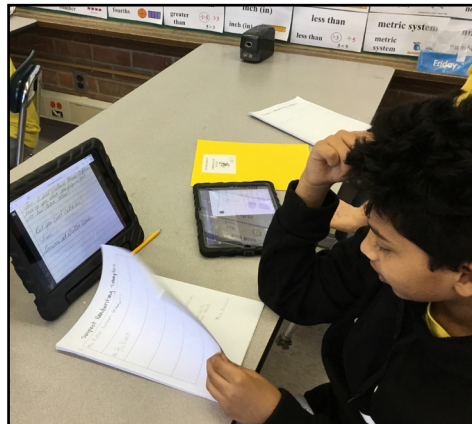
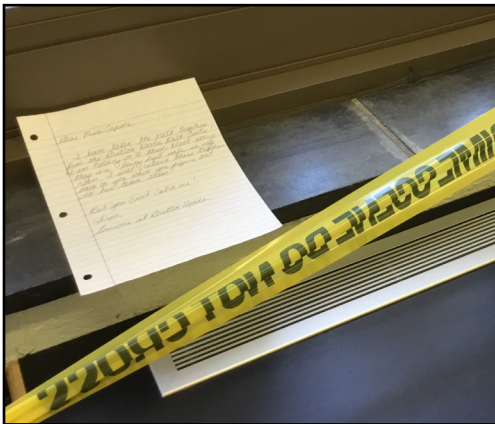
In the end the students were able to figure out who the real culprit was. It was none other than Mrs. Bullaro! Thankfully the trophies were returned safely to the Math Center. The students enjoyed working together as a team to solve the mystery of the missing math trophies and are looking forward to solving their next case! Here are some great photos of the students "on the case!"

Dear Miss Capone,

I have taken the math trophies from the Bretton Woods Math Center! I am holding on to them. Don't worry, they are being kept safe in my room. I will return these trophies back to you when you figure out who has taken them.

But you can't catch me!

From,  
Someone at Bretton Woods

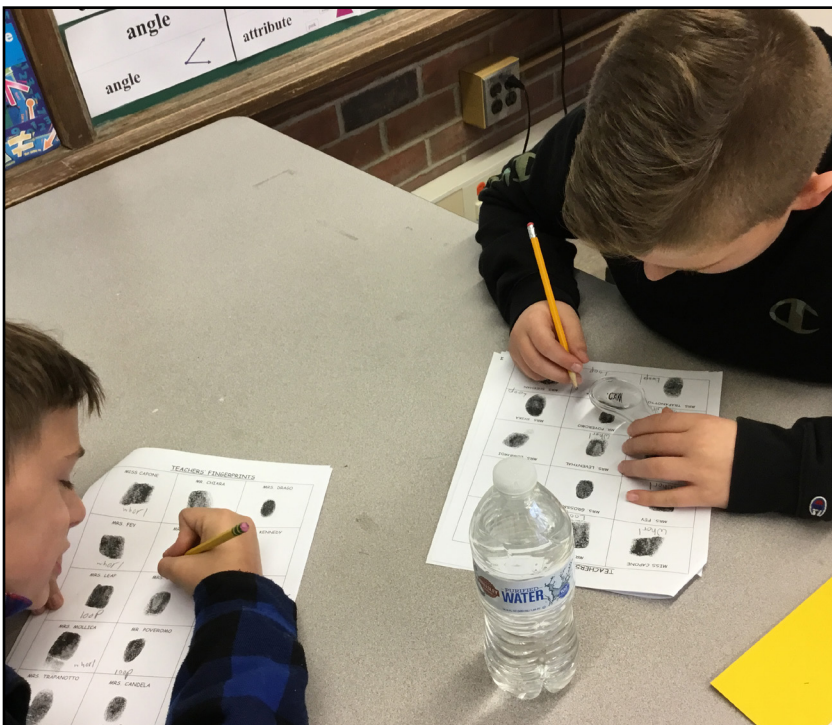
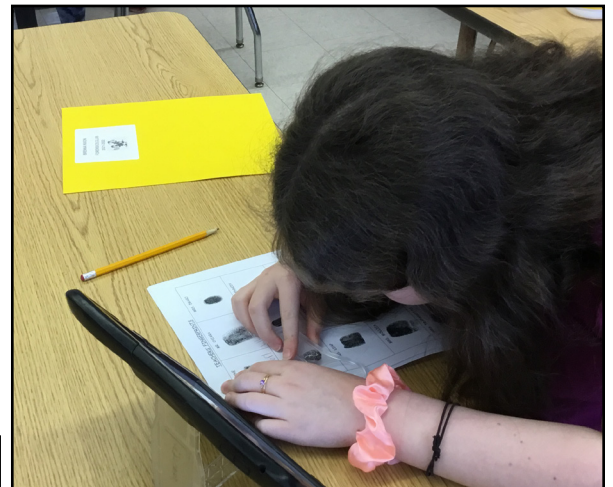
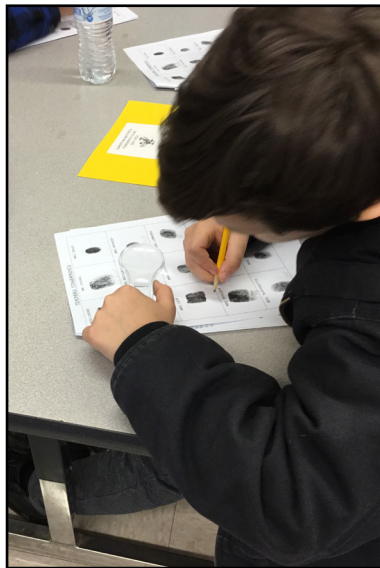
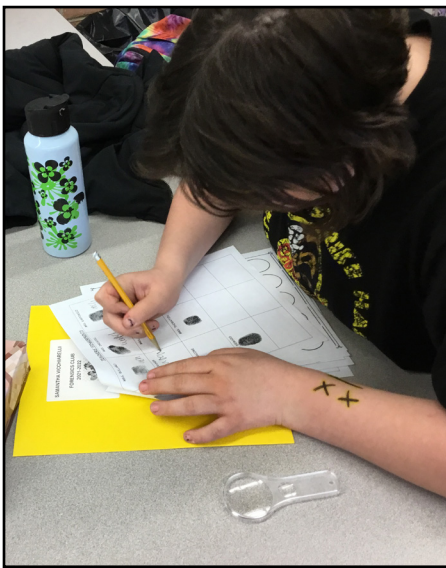




## THE BRETTON WOODS FORENSIC CLUB LEARNS THAT FINGERPRINTS ARE “WHORLS” OF FUN

On Wednesday, March 9, 2022, the students of the Bretton Woods Forensics Club learned about the scientific study of fingerprint identification. They learned that no two people in the world have exactly the same fingerprints. Students also learned how to classify fingerprints according to their patterns: loops, whorls, and arches. Then the students used magnifying glasses to closely inspect their fingerprints and those of their classmates and teachers at Bretton Woods to try to identify them as loops, whorls, or arches.

Here are some photos of the students as they learn about fingerprints.





# HIGH SCHOOL BUSINESS STUDENTS BRING THE JUNIOR ACHIEVEMENT PROGRAM TO THE PINES

On Friday, March 18th, high school business students under the direction of John Salvaggio, Frank Hufnagel, and Kathryn Donnelly, took over the Pines Elementary School. The students taught financial literacy to all students under the Junior Achievement Program.

The business students were trained by Mr. Salvaggio with the help of Linda Furey, Associate Director of Junior Achievement of New York. Hauppauge has participated in the program for several years.

This program gives high school students an opportunity to give back to their community. Sometimes students are fortunate to teach in the classrooms with their former teachers. They also get to see what it is like to be a teacher and engage a classroom of elementary students for most of the day.

The elementary students enjoyed the learning, games, and creating as they learned about financial literacy. Here are some photos of them enjoying their lessons.



*Continued on next page . . .*



# JUNIOR ACHIEVEMENT AT THE PINES





2021-2022  
Board of Education

David M. Barshay, Esq.  
President

Rob Scarito  
Vice President

Colleen Capece, Esq.  
Dr. Lawrence Crafa  
Gary Fortmeyer  
James Kiley  
Gemma Salvia

Lori DeGeorge  
District Clerk



Central Office

Dr. Donald B. Murphy  
Superintendent of Schools

Joseph C. Tasman  
Deputy Superintendent

Brigid Siena  
Assistant Superintendent for Business and Operations

Dr. Tim McCarthy  
Assistant Superintendent for Curriculum, Instruction & Technology

Rebecca Bilski  
Assistant to the Superintendent for Pupil Personnel Services