ISSUE 4 MARCH 2018

BAYSIDE HIGH SCHOOL

1901 Degroodt Road, SW Palm Bay, FL 32908

(321) 956-5000 M-F 7:30 AM - 4:00 PM

PRINCIPAL'S MESSAGE

Dear Bayside Families,

I have spoken with many of you and/or your students over the past two weeks regarding school safety and security after the tragic events at Marjory Stoneman Douglas High School. Our thoughts and prayers are with the students, families, school personnel and first responders in Broward County.

Wednesday of last week, I met with all faculty and staff to review our safety and security plan and various safety procedures. As you know, we have made several adjustments to help secure our campus. All classroom doors are now locked at all times. We have prohibited parking, pick up and drop off in the Theater Parking lot. This ensures that those gates will remain closed and locked before, during and after school, limiting access to our campus while students are present. Bayside has also received some of our District Security Upgrades, including front office security doors and video camera. District Security is already gathering information regarding additional security concerns we have for phase II of the school security upgrades.

We are working with the Palm Bay Police department, who will participate in our second school lockdown drill of the school year. We will be scheduling this drill within the next couple of weeks and look forward to any feedback the PBPD can offer us. We will communicate with you before and after the drill via email and/or text. We plan to have at least one other lockdown drill prior to the end of the school year.

Parents, I welcome any concerns or suggestions regarding student safety. Please call or email me, set up a time we can meet, or you can send me a letter, however you prefer to communicate. This is my first year as Bayside's Principal and I take the safety and security of my campus, my students, faculty and staff, very seriously, as my number one priority.

In closing, please know that I am so proud to be part of this community. Your Bayside Students have been compassionate, thoughtful, mindful and respectful. Many are concerned about the security of the school and have gone through appropriate channels to voice their concerns by setting up meetings with me or the School Resource Officer, or both. Many of our students want to make a difference, and they too are going through appropriate channels to begin clubs and organize their fellow classmates while always respecting the instructional integrity of our school.

Sincerely,

Lena C. Wiebelt *Principal*



SHOW YOUR SPIRIT WITH THE HIGH SCHOOL MASCOT DEBIT CARD



The Bear Truth March 2018 Published Six Times Per Year Bayside High School 1901 Degroodt Road SW Palm Bay, FL 32908 Issue 4



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SHARK-TANK BAYSIDE STYLE

11th grade BETA students traveled to Florida Tech to present their group projects in a "shark-tank"-style competition called the Junior Achievement Business Blastoff Challenge.

Students representing Bayside Engineering & Technology Academy, Melbourne Business Academy, West Shore High, Viera High and Merritt Island DaVinci Program pitched their ideas to business and entrepreneurial leaders from our community for top prizes including scholarships to Florida Tech and \$5000 in prize money as well as free consultations with a local patent lawyer to make their ideas a reality.

BETA students received 3 of the 5 finalist spots and presented in the public showcase at Cocoa Village Playhouse on Tuesday, Feb 20th beginning at 7:00p.m.The other two teams represented Viera and West Shore in the finals.

The three teams who made the finals for Bayside are:

Wood Note Outdoors (<u>http://www.woodnoteoutdoors.com</u>) created the Ecobag, an ecologically friendly waste bag used by campers, hikers and boaters that included an antibacterial lining and was machine washable and leak-proof. Carabineer clips for connecting to a backpack and a paracord allowed it to double as a container to keep your food out of reach of bears and other wildlife:

- Frannie Schmitt
- Aliya Monroe
- Thomas Torres

TransportEZ (<u>http://transportez.weebly.com</u>) created a lap desk for students that easily connects to backpack straps allowing students to get your homework done anywhere on campus or on the go:

- Riley Snyder
- Joseph Harmon
- Chris Zarraonandia

Mod-YOU-lar (<u>http://dslmodyoular.wixsite.com/website</u>) created the "mack daddy of Snack Caddies". The Snack Caddy is a modular snack support system that allowed home theatre enthusiasts to share the theatre experience with their friends. It included a popcorn bucket with modular slots to connect cup holders or candy caddies to the sides.

- Sylvia Cassler
- Darby McKay
- Lexine Siebert

All of the students were required to produce a pitch-deck presentation, an advertisement for their video and an investor pitch video. Also as part of the engineering course requirements, our students are required to produce a prototype, test it and create an engineering report that is also presented to the judges (something the other schools don't do). Our students also created business identities with their own names, color schemes and original logos and corporate mottos. Along with this they all created a landing site for their products by creating their own corporate websites.

YEARBOOK NEWS!

Yearbooks are on sale for \$80.00 from now till March 30th.

They can be purchased online at <u>yearbookforever.com</u> or in room 752 during Power Hour.

Yearbook distribution will take place May 9th in the gym lobby during Power Hour. Power Hour A will be for seniors to pick up their books and B will be for all underclassmen.

If you are interested in joining the yearbook staff next year, stop by room 752 to speak with Mrs. Fowler and to pick up an application.



Advertise in The Bear Iracks: This is a Wonderful way for your company to get community recognition and exposure, and at the same time help support your local schools! Heather Fowler • Fowler.Heather@brevardschools.org

Bayside High School





MARCH CALENDAR

23	Baseball vs Ft. Pierce
23	3 Kings Event
23	National Honor Society
23	Military Ball
23	Cheer Tryouts
24	Marcia Production
26	Gym Closed for Resurfacing
26	Baseball vs Palm Bay High
27	Blood Drive
27	Baseball vs Satellite
27	Boys Tennis-CCC
28	Early Release
28	AP English Practice Test
28	JV Baseball vs Viera
28	ENCORE Team Building Day
28	Physics Field Trip
29	Softball vs Viera
30	Fire Drill

Baseball Field Gym Lobby Theatre Hilton Gym Theatre **Baseball Field** TBA **Baseball Field Tennis Courts** Cafeteria **Baseball Field** On Campus Off Campus Softball Field TBA

6pm All Day TBA 6pm 4pm to 8pm 4pm All Week 6pm All Day 6pm 3:45pm 2:17pm 2:30 to 8pm 6pm All Day All Day 7pm

TESTING SCHEDULE

2

2nd Semester 1	festing:
3/19-3/29	FSA ELA-Reading Retake (eligible students)
3/19-3/29	Algebra 1 EOC Retake (eligible students)
4/16-4/27	FSA ELA-Reading (Grades 9 & 10)
	Algebra 1 EOC
	Geometry EOC
	Biology EOC
	U.S. History EOC



CONGRATULATIONS TO THE FUTURE PROBLEM SOLVERS!

The Bayside Future Problem Solvers have done it again! Bayside had two teams and one individual competing in the district level. Bayside came away with two 1st place awards!

1st Place team booklet - Cameron Mowery, Thomas Neary, and Jackson Jost (most teams have 4 members, they did it with only 3!)

1st Place Individual - Johnny Ellis

Mind you, they had to compete against 5 West Shore teams, 2 Edgewood teams, and a total of 25 teams at their level. They did a phenomenal job!

These students have progressed to the State level competition, which will be held towards the end of March.



"BAYSIDE'S WBBN IS ON YOUTUBE"

If you ever miss a Wednesday's news cast from our WBBN students, you can stream from YouTube. Each week's link is different and our YouTube channel is private, so you will have to log in through Edline to view.

Parent Folder	
Student Folder	Bear Cafe
2014-15 Second Semester Exam Schedule	Class of 2016 Senior Portraits
2015 Parent Survey Results	
2015 Brevard Testing Parent Letter	Graduating Classes
Early Release Bell Schedule	Launchpad
Regular Bell Schedule	Microsoft Student Advantage
Weekly Announcements	Power Hour Scheduling Sheet
Bullying/Harrassment Info	Student Clubs
	Student Government Activities
	Student Handbook

UPCOMING SAC MEETINGS

Monday, March 12th	4:00pm
Monday, April 9th	4:00pm
Monday, May 14th	4:00pm





JUNIOR ACHIEVEMENT BUSINESS CHALLENGE SUCCESS

Bayside had another terrific showing at the Junior Achievement Business Challenge! Every year our juniors develop a product around which they base a company, creating their logos, marketing plans and financing for their project and present it in a Shark Tank-style competition. The finals for this competition were held at Cocoa Village Playhouse last night.

Lexine Siebert, Sylvia Cassler and Darby McKay received 3rd Place and a \$1000 cash prize!

Aliya Monroe, Frannie Schmitt and Thomas Torres received 2nd Place and a \$10,000/yr renewable scholarship to Florida Tech and a \$1500 cash prize!

Finally, Joe Harmon, Riley Snyder and Chris Zarraonandia received FIRST PLACE!!! and a \$12,000/yr renewable scholarship to Florida Tech and a \$3000 cash prize from the Balda Family Foundation!

Bayside had a clean sweep and beat out Viera High and Westshore Jr/Sr High for the top three spots! Our community mentor was retired President of Clear Channel Communications, Mr. Larry McIntyre. He made sure that everyone in our community will know about Bayside's success.

BREVARD SOUTH REGIONAL SCIENCE AND ENGINEERING FAIR AWARDS CEREMONY

March 3rd, 31 of Bayside's brightest attended the Brevard South Regional Science and Engineering Fair Awards Ceremony consisting of 28 BETA students (Applied Engineering III & Experimental Science classes) and 3 Encore students (AP Capstone class).

Our students worked on projects this year that included:

Place:	Special Award:	Name:	Category	Title:
4	*	Adi Basu-Dutta	Mathematics & Computational Sciences	Overcoming Invisible Complexity
1	*****	Connor Bolick	Intelligent Machines Robotics, & Systems Software	The Design, Creation, and Testing of an Autonomous Tire Refilling Robot
1	*****	Logan Bolick	Intelligent Machines Robotics, & Systems Software	The Design, Creation, and Testing of an Autonomous Tire Refilling Robot
4		Allison Brignol	Microbiology	Monitoring Cyanobacteria and Understanding Their Development
		Naomi Cote	Behavioral & Social Sciences	Memorization of Vocabulary Using Tactile Sensations as an Aid
4		Kevin Deonandan	Engineering	Monofilament Welder
2		Harleigh Fitzgerald	Mathematics & Computational Sciences	An Algorithm to Solve Numeron
4		Scarlett Garee	Behavioral & Social Sciences	Stage Fright: The Actor and the Audience
3	*	Garrett Good	Engineering	The Car Equalizer
		John Green Jr	Engineering	Thermal Shielding for Radiosondes
4	**	Michael Guidice	Engineering	Harvesting Ambient Radio Frequencies for Use as an Alternative Energy Source in Deep Space Applications
1	***	Justin Guzman	Environmental Engineering	The Water Generator - Creating clean water from the air
4	*	Riley Hoots	Biomedical & Health Sciences	Bio-Absorbable Heart Stent
3		Brenden Hunt	Engineering	Concrete Improvement
4		Fares Jabari	Biomedical & Health Sciences	The Engineering of a New Plant-Based Scaffold for Organ Synthesis
1	***	Gabrielle Johnson	Mathematics & Computational Sciences	Responding to the Unpredictable Nature of Influenza Epidemics Using a Community Risk Scale
	**	Frank Lanza	Engineering	Can Antenna Polarization Be Used to Improve Radio Communications Performance in the Presence of Co-Channel Interfering Signals?
2		Sean Lucente	Chemistry	Carbon-Based Supercapacitor Materials
		Christopher Manieram	Environmental Engineering	Utilizing Organic Fertilizers
3		Jesse Martin	Engineering	Presenting A Removable, Adjustable "Claw Cuff"; A Device to Protect Crabbers, Fishermen and Researchers from Injury Due To Crab Claws
		Nour Moaoui	Engineering	Holy Pothole! - Pothole detection system
3	***	Nicholas Mumme	Physics & Astronomy	The Determination of the Nucleus's Effects on the Electron's Relative Position and Momentum
2		Yanni Pippa	Intelligent Machines Robotics, & Systems Software	Centibot - Soft Robotics Prototype
2		Madison Purkerson	Cellular/Molecular Biology & Biochemistry	Drug Delivery System Using Polymerization Techniques
		Nico Rivera	Environmental Engineering	Comparing the Water Usage and Plant Growth Between Traditional Agricultural and Aeroponic Methods
	*	Nathan Seybold	Engineering	Do Dimpled Surfaces Reduce Drag on an Airframe?
3	*	Haley Tegland	Environmental Engineering	Measuring Ammonia in Water Using Absorption Spectroscopy for Aquaponic Systems
2		Damion Tuller	Engineering	Increasing Output of Solar Panels Using Thermo-Electric Generators
		Rashard Vedrine	Mathematics & Computational Sciences	Predicting Geomagnetic Storms in the Ionosphere
		William Velez	Behavioral & Social Sciences	The Effects of Music Intervention on Stress
4		Tabitha Vincentsen	Behavioral & Social Sciences	The Effect of Chemicals on Bee Behavior



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BREVARD SOUTH REGIONAL SCIENCE AND ENGINEERING FAIR AWARDS CEREMONY - CONTINUED

Justin Guzman received 1st Place for his Water Generator Project. It is a device that provides drinking water derived from the air. Justin not only got the system working but was able to improve the efficiency of the system after continuous redesign and testing of his system.

Gabby Johnson received 1st Place for her mathematics project studying and predicting where the Influenza disease is likely to spread in a locality based on several factors. Her predictions accurately predicted the spread of the flu based on census data from the past decade and could be used as a predictor for future outbreaks of the flu and other dangerous diseases.

Connor and Logan Bolick received 1st Place for their team project in Robotics. The built a robot that checks your license plate against a client database to determine make and model of your vehicle and the tires installed on your vehicle and then will automatically locate each tire and using computer vision and artificial intelligence, it will locate and connect to the valve stem of the tire and inflate/deflate the tire based on recommended tire pressure with its onboard compressor. Look for one of these running around your car in the mechanic's garage of the future!

Each of the above students individually logged over 50 hours of additional work time in class after school each day since January, putting in the extra time to perfect their projects. They deserve a big congratulations for all of their hard work!

19 of our students received a place ribbon, and there were 27 special awards (marked with *) given to Bayside students. Of these, **Haley Tegland and Riley Hoots each received a \$72,000 scholarship to Florida Institute of Technology!**

Each of our 1st Place winners will travel to Lakeland, Florida in March to represent the Brevard Delegation at the State Science and Engineering Fair.

A final congratulations to Gabby Johnson for receiving Runner-up for Best in Show. She competed at Viera for a potential spot at the International Science and Engineering Fair in Pittsburgh, PA this year!

THE SHERIFF'S GOOD KID AWARD CONGRATULATIONS NICOLE MONTANEZ

Please help us congratulate Nicole Montanez for being awarded Sheriff Ivey's "Sheriff's Good Kid Award". Nicole was one of only two students in our county to receive this award.

Sheriff Ivey came to Bayside to surprise Nicole.

Nicole was nominated and received this award for a specific act of compassion toward another student. Not too long ago, we had a student who was experiencing some difficulty in the hallway. While many other students passed this student without noticing or caring, Nicole stopped to help just in time. Just as Officer Ellis was moving toward this student to assist, Nicole caught the student before the student collapsed, ensuring the student's head did not hit the cement. Proud to be a Bear!





PEER TUTORING IS HERE!

If you need help with any subject or with organization, then this is the place for you!

Join us in Room 317

Tuesdays & Thursdays

Power Hour: 12:01-12:59

** Remember to bring your textbook and/ or notes **

If you have any questions or need additional information, please see Mrs. Webb in Room 317

AP LITERATURE/ LANGUAGE & COMPOSITION PRACTICE EXAMINATION BAYSIDE HIGH ENGLISH DEPARTMENT

March 28, 2018 from 2:30-6:15 P.M.

Bayside High School Cafeteria

1901 Degroodt Road, SW

Palm Bay, FL 32908

Prom

Baccalaureate

The Bayside High School English Department will be holding a Practice Examination for AP Literature & Composition and AP Language & Composition students in the Cafeteria following Early Release.

For more information contact:

derr.george@brevardschools.org, royster.richard@brevardschools.org, tritt.adamb@brevardschools.org



May 1st

May 5th - \$50.00



ART SHOW SUCCESS

Advanced Art

- 1st Place: Gabrielle de Montigny
- 2nd Place: Evelyn Hess
- 3rd Place: Alexia Ramm
- Honorable Mentions: Olivia Juliano, Milena Yarusso, Alyssa Phelan
- Admin Awards: Olivia Juliano, Chaz Fusco



Congratulations to the Best in Show Admin Award and Student Choice Award CHAZ FUSCO!

Level 1 Art

- 1st Place: Ciarra Curvey
- 2nd Place: Victoria Cannon
- 3rd Place: Mia Porchiazzo
- Honorable Mentions: Jasmyn "Jasper" Helmsberger, Elliot Martinez, Jennifer May
- Admin Award: Ryan Nelson



1st Place: Gabrielle de Montigny



2nd Place: Evelyn Hess



3rd Place: Alexia Ramm



Honorable Mention: Milena Yarusso



Honorable Mention: Alyssa Phelan



Honorable Mention: Olivia Juliano

BAYSIDE HS CHORUS STUDENTS PARTICIPATED IN THE FLORIDA VOCAL ASSOCIATION'S DISTRICT 10 MUSIC PERFORMANCE ASSESSMENT (MPA)

On Friday, March 2nd, at Osceola High School in Kissimmee, Chorus participated in the annual MPA event. Congratulations to the the following students on their SUPERIOR ratings with what was the hardest judging panel Mrs. Mondello has seen in her 19 years of teaching Chorus. The Florida Vocal Association raised the bar across the state with harder sight-reading excerpts and strict adherence to our vocal rubric. VERY few schools earned overall Superior ratings compared to previous years, but Bayside HS was one that did. In addition the Bayside Chamber Choir was <u>THE ONLY CHOIR</u> at Osceola's MPA to earn a "Superior with Distinction" in the sight-reading room (meaning they performed an advanced-level rhythmic excerpt PERFECTLY and an advanced melodic piece of music FLAWLESSLY and MUSICALLY having only two minutes to study before performing it for the judge). The judge, as well as both of the room monitors, were brought to tears after our Chamber Choir sang the melodic selection. It was quite a musical moment.



GRADBASH UNIVERSAL ORLANDO

DRESS CODE GUIDELINES

ALL SCHOOLS SHOULD CONDUCT THEIR OWN SECURITY AND DRESS CODE SCREENING

bottoms)

Short shorts

or studded/spiked belts High School team name or logos
No jerseys of any type

UNACCEPTABLE ATTIRE

Clothing with excessive holes or shredding
Clothing with obscene, offensive language

Clothing with obscerie, oriensive language visible undergarments Tank tops or undershirts Clothing that exposes excessive portions of the skin that may be viewed as inappropriate at a school function (e.g., bikini tops and bottoms)

Area codes displayed on clothing
 Accessories such as chains, spiked collars

GIRLS

- Dresses, skirts, capris or shorts
 Casual pants (including jeans)
- · Casual blouses and tops
- Comfortable shoes (including tennis shoes, dress sandals, boots and flip-flops)
 Purses size of 8.5" x 5.5" or under
- Fanny packs
 Hats
 Yoga Pants

- Drawstring bags
 College and professional team name or logos

GUYS

- · Casual pants or shorts (including khakis and jeans) • Shirts with sleeves (polos, dress and t-shirts)
- · Comfortable shoes (including tennis shoes,
- boots and flip-flops) Hats
- · College and professional team name or logos

CHAPERONES Large backpacks

*Universal Orlando reserves the right to refuse entry into the event or require the purchase of appropriate

UNIVERSALORLANDOYOUTH.COM/GRADBASH

FOOTBALL ANNOUNCEMENTS

After School Workouts 3:30-4:40 Mon-Fri

Students who want to participate must have an up-to-date physical

- Booster Club Support •
- Parent Volunteers Needed
- Spring Practice begins April 23 •
- Black n Teal Game May 11th
- Spring Game May 23rd

SPRING SPORTS SCHEDULES:

Varsity Baseball

13	22-Mar	Thursday	Heritage	Home	6:00
14	23-Mar	Friday	Ft. Pierce Westwood	Home	6:00
15	26-Mar	Monday	Palm Bay	Home	6:00
16	27-Mar	Tuesday	Satellite	Home	6:00
17	29-Mar	Thursday	Merritt Island	Away	6:00
			SPRING BREAK		
18	9-Apr	Monday	Rockledge	Home	6:00
19	10-Apr	Tuesday	Harmony	Away	6:00
20	11-Apr	Wednesday	Martin County (senior night)	Home	6:00
21	18-Apr	Wednesday	Eau Gallie	Home	6:00
22	19-Apr	Thursday	Merritt Island	Home	6:00
23	24-Apr	Tuesday	CCC Playoffs	Home	6:00
24	25-Apr	Wednesday	Heritage	Away	6:00
25	27-Apr	Friday	Celebration	Away	7:00
	TBD	TBD	District Tournament @ Merritt Island		TBD

JV Baseball

10	20-Mar	Tuesday	Holy Trinity	Home	6:00
11	23-Mar	Friday	Heritage	Away	6:00
12	26-Mar	Monday	Palm Bay	Away	6:00
13	28-Mar	Wednesday	Viera	Home	6:00

Track

6	21-Mar	Heritage	Heritage High School	4:00
7	28-Mar	CCC @ Satellite	Satellite High School	11:00
8	13-Apr	Districts @ Merritt Island	Merritt Island High School	11:00
	26-Apr		Traz Powell in Miami	TBA

Varcity Softball

varsi	irsity Sondali				
16	23-Mar	Battle at the Beach Tournament	Port Orange	ТВА	
17	24-Mar	Battle at the Beach Tournament	Port Orange	ТВА	
18	28-Mar	Port St. Lucie High School	Port St. Lucie High School	4:00	
19	29-Mar	Sylvania Southview High School (Ohio)	Bayside High School	6:00	
20	11-Apr	St. Lucie West Centennial High School	Bayside High School	6:00	
21	13-Apr	Treasure Coast High School	Treasure Coast High School	4:00	
22	17-Apr	CCC Championship Game	ТВА	6:00	
23	18-Apr	Holy Trinity High School (Senior Night)	Bayside High School	6:00	
24	19-Apr	Covenant Christian High School	Fred Lee Park (Palm Bay)	4:00	

JV Softball

10	23-Mar	Rockledge High School	Bayside High School	5:15
11	24-Mar	St. Lucie West Centennial High School	St. Lucie West Centennial High School	10:00am
12	24-Mar	St. Lucie West Centennial High School	St. Lucie West Centennial High School	12:00pm

Girls Tennis

22-Mar	22-Mar Sebastian River	
27-Mar	CCC TBD	4:00pm
18&19-Apr	Districts: Fee Avenue Tennis complex	8:00am



BAYSIDE HIGH SCHOOL 1901 Degroodt Road, SW Palm Bay, FL 32908



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friends.

Please invite your family and



Bayside High School's 2018 Baccalaureate First Pentecostal Church 1021 Emerson Drive N.E. Palm Bay Florida

May 1, 2018 @7:00pm Keynote Speaker: Pastor David Myers Performances by: Bayside's award winning Chorus & the JROTC Color Guard Seniors: Arrive by 6:30 pm

Seniors: Arrive by 6:30 pm