# A Message from your Principal

ear Buccaneer Parents, Family, Friends, and Community Members, It is hard to believe that the winter holidays are now upon us. Although this first half of the year seems to have gone by so fast, there are so many wonderful things that our Buccaneer students and teachers have accomplished already! I hope that you will take the time to read through this newsletter and share in the pride and joy of our Buccaneers and all that they have done individually and collectively! Academically, athletically, and in all categories – Mainland High School boasts nothing but the best.

As you know, it takes a tremendous effort on the part of every adult in the students' lives to help them achieve their best. We know that you count on us to do our part – just as we count on you to help us be successful. Help us right now and review your student's report card – take a look at the number of absences, the current grades, and the credits earned. Have a conversation with your child about how he or she believes the school year has gone thus far and what he or she hopes to accomplish in the second semester.

Like you, we want the students to be successful and work to their full potential. The best way to assure that the students are going in that direction is to present a united front with the message that they should always put forth their very best effort in all of their academic work. That means following through on reading and homework assignments in all courses, coming prepared to class, and taking an active role in all phases of their high school experience. In this day and age of education, testing plays a huge role in the students' lives – from taking tests for their individual courses to taking state-standardized tests required for graduation to tests required to enter college or post-secondary programs. Often times, teenagers tend to follow through on only those things they believe necessary to just get by - not really putting forth their best effort in all phases of the education process.

I want to express my sincere appreciation for all of the Mainland families, friends, and community members who, through all types of seasons, can be counted on for their support of Mainland High School and all of the tradition and excellence that it stands for – and always will.

In Buc Pride,

Cheryl A. Salerno, Ed.D. *Principal* 

HIGH

Buccaneers

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#### At Your Service Academy of International and Political Relations (AIPR)

In early November, Mainland's Chinese and Japanese classes, part of the language flagship program of AIPR, took a field trip to Orlando. Students enjoyed the morning at the University of Central Florida Foreign Languages Department, 1st Oriental Asian Supermarket, and Guang Ming Buddhist Temple. Students ate Japanese food for lunch. It was a fun learning experience which brought authenticity to project based learning in foreign languages.





#### Halifax Field Trip

On November 16th, ASIM students in Principles of Biomedical Science, Allied Health, and Human Body Systems had the opportunity to take a fieldtrip to Halifax Hospital and Daytona State College to participate in their Healthcare Expo. On a tour of the College of Health, students were taken to the simulation and respiratory labs where they were able to participate in hands-on activities with current Daytona State students. At Halifax, students visited the radiology department, the nursing department, and the clinical lab. This venture allowed students to explore various aspects of careers in the healthcare field, as well as the education paths available to them. A big thank you to former superintendent Dr. Smith, Dr. Bruno, and Mr. Guthrie for making this possible.





# APSPC

# **Academy of Public** Service Professions & **Careers (APSPC)**

#### **Firefighting Division**

The Firefighting Academy had an amazing start to the first half of the school year! Our program is blessed to have an amazing group of first year fire cadets, fire gear and a working fire engine. I am so thankful for all the hard work each one of the students have put into this program. Special shout out to Jacob Willis, our academy student liaison leader!

Our success would not be without the guidance and donations from Daytona State College, Daytona Beach Fire Rescue, Cubco and other local municipalities fire departments. Their donations help outfit all are cadets with bunker gear, firefighting equipment, and yes, our very own fire truck!

#### **Military Division**

Greetings Everyone! After a busy fall we're marching forward to a packed winter. In October, we ran an amazing AFJROTC drill meet for 18 high schools and over 600 cadets! Three weeks later, our 5 drill & color guard teams competed in our first drill meet at Belleview HS in Ocala. Recently, we've been extremely busy with 4 community service events, 2 parades, and 2 fundraisers. We took 2 field trips: a day visit to St. Augustine and an exciting overnight trip to Busch Gardens and MacDill AFB in Tampa. So far, nobody has fallen as we hit the ground running. Keep up the great pace cadets; remain focused on your grades, behave, come to school, and continue to be active! The list below describes some of the many events and activities we are involved in:

- Dec 13th: Intra flight sports game challenge: 3-5 pm (open to all • cadets)
- Jan 13th: Treasure Coast drill meet in Port St. Lucie
- Jan 20th: Military Ball (formal dinner and dance) at ERAU- \$25 (open to all cadets)
- Jan 27th: Timber Creek drill meet in Orlando
- Feb 3rd: Bataan Death March 14 mile walk at MHS (open to all cadets)
- Jan-March 2018: Potential field trips to Patrick AF Base, Brevard Zoo, Ponce Inlet Light house/ Marine Science Center, US Coast Guard in NSB, and senior trip.

If you are interested in finding out more information about AFJROTC, please contact Maj Migs or MSgt Garthwaite at 258-4665 ext. 54337/8.

#### **Transition Academy**

The Modified Geometry classes have been hard at work finding how circles are similar. They are determining area, circumference of circles as well as identifying the radius and diameter. By the end of the semester we will working on volume of cones, pyramids and cylinders.

We also successfully completed our second PBL [project based learning] activity by reflecting on what we have to be grateful about and how we can give back to the community. We collected almost double our goal of 100 food items to donate to the local food program. We also celebrated Thanksgiving by completing a sign to wish all a Happy Thanks-minion. We will be starting our third PBL once we return to school. We will be utilizing Votran and how it can be used as transportation in our daily lives.

We would like to wish all a very safe holiday and look forward to seeing everyone in January.



#### **Science Fair Judging**

The ASIM representatives were invited again to judge the annual science fair at Silver Sands Middle on Friday, December 1st. They interviewed and encouraged the students' interest in STEM.

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## Academy of Unified Arts Performing Arts Division



Congratulations to the Mainland Superior rated Marching Band for receiving superior ratings

for the 6th year in a row at the District 8 Marching performance assessment in Apopka on November 4th, 2017. The Marching Buccaneer performed with some of the top bands from Orlando and received superior ratings in Auxiliaries, Music, General effect, and Marching & Maneuvering. Special thank you to the AUA-Art Department Mrs. Wise and Mr. Marron and the following students-

> Emma Gardner Natalie Race Emily Paul Emily Aldin Marinna Piepenburg Tre Gish

TEAM AUA!!!

#### **Blood Drive**

Thank you to everyone who took the time to donate on October 5th during the blood drive. We collected a total of 61 units of blood, enabling us to help approximately 183 people. Join us in the spring for two more opportunities to donate, as One Blood will be back on campus Monday, January 22nd and Monday, March 26th. As they approach, be sure to listen for sign-up dates on the morning announcements.



Mind, Body Spirit Branch		At Your Service Branch		High Tech High Branch	
ASIM	- <b>A</b> -∕S <b></b> ₩M	AHCA	X	ADMT	ADMIT
SSA	M	APSPC	APSPC	ACMT	ΛΕΠΤ
AUA	××	AIPR	AIPR	ACS	ACS
Transition Academy					

# Mind, Body, Spirit

The students in Mrs. Mandell's Principles of Biomedical Sciences class recently wrapped up their Forensics unit with a crime scene they had to observe



and analyze to determine the cause of death of the victim. They sketched the crime scene and made note of various clues and pieces of evidence left behind. Mrs. Gardner's Digital Photography students then came in to view the crime scene and practice their Forensic Photography skills. Each student photographed the crime scene and created a Forensic Photo Log as well as a Forensic Photographer's Report. Several student found that they might be interested in pursuing more in Forensic Photography and others solidified their thoughts of Forensic Photography not being for them.



#### News from the Academic Team

Our Academic Team captains have been named for the 2017-2018 Season. They are: Sofia Slimak, Vivian Dang, Marlena Kuftic, and Scott Buck. Congratulations to these academic scholars and excellent leaders! We are now in our twice-per-week after school practice phase for the competition season which begins in January and runs through March.

#### Wreath Fundraiser

The ASIM annual wreath fundraiser has concluded, with a special thanks to all of those who participated. If anyone is still interested in making a purchase, it's not too late to place your order to be delivered in time for the holidays. You can order online at www.MickmanHolidayGifts.com using t

#### **From The Clinic**

Hello Buccaneers!

I am so excited to see our new and returning students here at Mainland High School! I know we will have another Healthy School Year! Please be mindful to use the following precautions to ensure and promote a healthier atmosphere while in school:

- Get your annual flu shot or mist if you are medically able
- Cover your nose and mouth when coughing or sneezing with a tissue
- Wash your hands often
- Use hand sanitizer
- Stay home if you are not feeling well and have flu like symptoms (consult your family Physician if the symptoms persist with a fever)

Please utilize these precautions to help prevent yourself and others from getting a cold or the flu during the 2017-18 school year, thanks and have a Great School Year!

- Patricia Scott HST

#### **Buc Talks**

Our first **BucTalks** of the year was held on Wednesday, October 18, 2017. Our staff speaker was Mr. Robert J. Voges, our student speaker was Ben Herstein, and our community speaker was Prof. Keith Garfield of Embry Riddle Aeronautical University. The presentations were superb and many inspired conversations followed!

Our next **BucTalks** will be on Wednesday, December 13, in the Multi-Purpose Room of Mainland High School. Come join us for an evening of great ideas and discussions. Our guest speakers always include a current faculty member, a Mainland student, and a community leader. A musical interlude will be provided by select members of the Mainland Orchestra. Refreshments will be provided in the Hall of History prior to the event. The festivities will begin at 5:45 PM, so please mark your calendars and join us!







Learn more about our Center for Entrepreneurship at Embry-Riddle.

#### erau.edu/TREP

Congratulations Reemonn Soto for winning first place prize of \$10,000 in the Launch Your Venture Competition and first place at the Annual Florida Venture Forum's Statewide Collegiate Business Plan Competition.

EMBRY-RIDDLE Aeronautical University. DAYTONA BEACH, FLORIDA COLLEGE OF BUSINESS













#### Florida A&M Field Trip

Tuesday November 14, the Environmental Division of ASIM visited the campus of Florida A&M University in Tallahassee, Fl. Our Agriscience and Veterinary Assistance classes, along with several other students interested in attending Florida A&M University, experienced "Excellence with Caring" all day. A total of 52 students attended the event. Ms. Kristie Long (Agriscience Foundations), a graduate of FAMU's Biological & Agricultural Systems Engineering program, and De'Once Roland (Vet. Assistant) are encouraging students daily to give ag a try. Education at a Land Grant University with a focus on agriculture goes far beyond farming. This was evident in the presentations, tours, and site visits during the day spent at FAMU.

# STEM Solutions by Students Competition Awards!

Recently, Mainland High School teams were awarded *1st place* in the "STEM Solutions by Students" Competition. Buccaneer teams provided creative solutions to real problems faced in our community.

Their solutions will be used by city leaders to solve challenges in their respective municipalities.



City of South Daytona Project: Brittany Jones, Sean Ferguson, and Austin Crawford



City of Edgewater Project:Austin Larsen and Casen Mathena (Award accepted by Mr. Voges)



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#### Aquaculture

The environmental division's newly implemented Aquaculture class has been busy as they started off the year revitalizing aquariums that had been in storage. The most recent project for these students has been building hydroponic system prototypes, known as "BettaPonics", in hopes of creating a product that delivers a fun, interactive lesson to other classrooms throughout Volusia County. In preparation of this venture, there was collaboration with the students of Digital Media 1 to create promotional advertisements.













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For The Parents, Staff, Students And Community Of Mainland High School Volusia County Public Schools Mainland Senior High School 1255 W. International Speedway Blvd. Daytona Beach, FL 32114 Non Profit Organization US Postage PAID Orlando, FL Permit #2346

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#### **Model United Nations**

Mainland students are welcome to attend Model UN conferences on a voluntary basis. Students have enjoyed representing countries and competing in conferences to push global agendas against other students from other Volusia County high schools. Travis Ford received the special recognition award at the last Model UN conference on 11/18/2017 for his role as representing the country Croatia. Conferences are held once a month on Saturdays. See Mr. Nugent in room 2-328 if you have any interest.

