

HOUND *highlights*

NOVEMBER 2019



Administration

Principal

Mr. Michael Rice

Office Hours

7:00 am - 3:00 pm
Monday - Friday

Lyman High School

*is committed
to providing
educational
opportunities that
will prepare and
empower students
for an ever changing
global society.*

Principal's Message

Dear Greyhound Families,

We are off to a GREAT GREYHOUND start! The first quarter has been filled with spirit, pride, community, and most importantly, academic success! Our enrollment has leveled out at just over 2,200 students which includes approximately 615 new students that make up our Freshman Class, the Class of 2023! Our school continues to shine both in the community, as well as across the state and I could not be more proud of the high levels of achievement earned by our teachers, staff, and students. It gives me great pride to say that I am the Principal of this incredible school, and I look forward to seeing the outcome of our work as we progress through the 2019-2020 school year.

Over the summer, we were once again awarded a "B" rating by the Florida Department of Education. While it is not the "A" rating we hoped for, the overall progress achieved by our campus blew me away. The tireless work of our students and our teachers led to a total growth of 31 points from the year before. This was the highest growth achieved of all Seminole County high schools, also earning us the highest point total of the five high schools that earned a "B" rating. The points earned were a result of growth in our Learning Gains, as well as Academic Proficiency. Our goal is, and will always be for all students to earn "One Year's Growth in One Year's Time."

As a result of our innovative teachers and hard-working students, we honored almost 600 students with an ice cream sandwich or a Chick-fil-A sandwich for earning "One Year's Growth in One Year's Time." We are proud of our students and look forward to the growth of all students when we test in April.

Last year, we embarked on a journey to share the many facets of our school that together, has developed the "Blue and Gold" into what you see today. In doing so, our motto, "We Are Lyman" provided us with the opportunity to celebrate our diverse and inclusive learning environment. After 95 years in existence (1924-2019), our school has developed a deep-rooted history that has led to the numerous awards, recognitions, and accolades earned over the years. Our Greyhounds include scholars, athletes, and musicians to name a few, and while we all may have different backgrounds and passions, together **We Are Lyman!**

Founded in 1924 by Howard Lyman, Lyman High School has always been on the cutting edge and remains poised to engage in new ideas and technologies that will positively influence the lives of our students. From the visionary mind of technological Principal, Carlton D. Henley, to the future development of our Career and Technical Education Building, where we are collaborating with Del-Air Heating and Air-Conditioning to provide hands on training for our youth, Lyman High School continues to inspire learning in our community. Our mission is to *Empower the Youth of Today to Innovate Tomorrow*, and I am proud of the work that has been done over the past 95 years that has led us to prepare our students for an unknown job market.

In addition to the academic success of our students and the upcoming historical milestone of our 100 year anniversary, our physical facility also experienced growth. In August, the landscape of our campus changed with the completion of the beautifully-designed, highly-spirited Carlton D. Henley Sports Complex construction project. Prior to this year's Kickoff Classic versus Winter Park High School, fans packed the parking lot for our first annual Taste

...continues on next page



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Principal's Message continues...

of the Dogs Tailgate and entered the stadium for the ribbon cutting ceremony that officially welcomed our Greyhound family for the first football game in our new facility! This project included new home bleachers and a press box, resurfacing of the track and an additional lane, LED field lighting, and a striking entrance complete with a new ticket booth and iron gates on each side. We are so proud of the final product and know that this facility will provide many years of athletic pride and performance. This was the result of many years of fundraising by the Lyman Athletic Boosters, as well as funding received through capital outlay dollars from the Seminole County Half-Cent Sales Tax.

Our hope is to continue the momentum by raising additional funds for future projects including demolition and upgrade of our softball dugouts, classroom furniture upgrades, Media Center refurbishment, an addition to the baseball locker room, field turf upgrades, and the development of an aquatics complex complete with the addition of an Olympic size pool. In order to develop competitive scholars and athletes, we recognize the need for a top-notch academic and athletic facility. We are committed to this effort and hope to bring this vision to reality by the year 2024, when we celebrate 100 years of Lyman High School's existence.

Thank you for trusting us with your students and for all you do to support our school. Please be sure to stay connected by visiting all of our communication networks:

- **Facebook:** <http://www.facebook.com/LymanHighSchool>
- **Twitter:** <http://twitter.com/LymanHighSchool>
- **Instagram:** <https://www.instagram.com/lymanhs/>
- **SchoolMessenger** (Phone & Text Messages): Text "Subscribe" to 67587. Be sure your name, email and phone are all up to date in Skyward.
- **Skyward Family Access:** If you are not registered, forms are available in the Administration Office.

Remember - you matter, we matter, *Everyone Matters* at Lyman High School. Please let us know if there is anything, we can do to help your child succeed!

Sincerely,

Michael J. Rice
Principal

World Languages

We welcomed a new member to our team, Danielle Figueroa. She teaches ASL 1 & 2 and she's the sponsor for ASL Club.

We are reinitiating the Spanish Club this year as we will be preparing to send representation from Lyman to the district's World Language festival during the second semester.

The Multicultural Club members started organizing and planning for Lyman's Multicultural Week. This year, the event will take place during the second semester. We would like to hear other departments' ideas and suggestions. If there is something that you like from last year's week or something we could improve for this year's event, feel free to send the information to johanna_velazquez-rivera@scps.k12.fl.us.

Guidance / Student Services

SOMETHING TO CHEW ON FROM LYMAN'S SCHOOL COUNSELING TEAM...

Welcome back Greyhounds! We look forward to working with you and your students this year. As we embark on another exciting year, please be sure to keep up with the resources available to help your student be most successful.

- **New Graduation Requirement Tab in Skyward!!** You now have access to view the graduation requirements screen in Skyward Family Access. Simply log into Skyward and select the "Graduation Requirements" tab. On this screen, you are able to view the courses your student has already completed, current courses and how they are counting towards graduation requirements, and courses needed to complete graduation requirements. This tool will be a guide to track your students' progress towards their diploma. Please note, reviewing graduation requirements in Skyward is not a replacement for a consult with your school counselor to ensure you are meeting all of the requirements for a diploma.



- **Don't have a Skyward Family Access Account?** Stop by the Student Service Office Mon. – Fri. 7:00 AM to 3:00 PM to complete an enrollment form (must present photo ID).
- Follow the Lyman Student Services team on **Twitter @Lyman_Counselors** to get up-to-date information on college visits, financial aid and many other Student Services events.



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Guidance / Student Services

- Check out our website!
 - » Under the "Academics" tab, you will find information on Lyman's curriculum and graduation requirements. You will also find college and career information, including information on requesting transcripts, financial aid, scholarships, Bright Futures requirements and community service.
 - » Informative **Career Immersion Fieldtrips** for Seniors will be offered this year through Seminole State College. Information can be found under Academics>College and Career Help>Career and Military.
 - » SCPS High Schools will be hosting **Financial Aid Sessions and FAFSA labs this Fall**. Information can be found under Academics>College and Career Help>Scholarships and Financial Aid
- Check your student's Skyward account on a weekly basis to keep up with progress and missing assignments. We encourage you to contact your student's teacher as soon as you see a problem. Teacher contact information can be found on Lyman's website under the "Staff" tab.

IMPORTANT DATES TO REMEMBER

- SAT – November 2nd and December 7th
- ACT – October 26th and December 14th
- Senior SAT Day – October 16th
- School-wide PSAT Day – October 16th
- FAFSA Lab at Lyman – October 22nd at 6 pm
- ASVAB – October 30th
- Honor Roll Lunch 4.0 or higher – November 8th
- Bright Futures Registration – October 31st, November 1st
- Light up Lyman – January 30 at 5:30pm



Counselors just finished Senior credit check and will be doing Junior credit checks in late November. During this time, we discuss current credits, graduation requirements and your student's plans after high school. Please be sure to ask your student to see the unofficial transcript given to them during their credit check. If you have any questions, please don't hesitate to contact us with any concerns. We're here to help!

–Your Student Services Team



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Social Studies Department

Lyman High School's History Club is excited to start a new school year and prepare for the Seminole County History Fair and the History Bowl. This year's theme for the history fair is Breaking Barriers in History. Students are asked to identify the barriers and then explain in a detailed analysis how the barriers have been broken. The History Fair this year will be hosted at Jackson Heights Middle School on Saturday March 7, 2020. Part of the history club meetings will be focused on the selection and development of history fair projects to be presented at the fair.



This year students in the History Club are also looking forward to participating in the History Bowl, which will be hosted at Trinity Prep early in 2020.

This is both a team

and individual sport that students work together. Meetings are currently focused on history bowl scrimmage sessions as they prepare to take on other history students at Trinity Prep.

The club is also interested in getting involved in the community, if you are interested in having the history club volunteer for you please contact Tim Donohue at Timothy_Donohue@scps.k12.fl.us.



Science Department

Biology students have been learning about cellular structure and function. Students have been looking at cells using light microscopes. Many of the classes have been working on an osmosis experiment using eggs. Students removed the shells from the eggs and then exposed their eggs to different solutions.

Advanced Placement Biology students have been studying enzymes and their effects on cellular function. The students will begin studying cellular respiration and photosynthesis.

AP Environmental Science students participated in a "Mark and Recapture Lab" that will allow them to estimate the population of brown anoles (*Anolis sagrei*) on our campus. This lab allowed students to simulate how ecologists estimate the number of organisms in a population. Students enjoyed the challenge of capturing, marking, and then recapturing the anoles. Students used the *Lincoln-Peterson* equation to estimate the population size of brown anoles on campus.

Anatomy and Physiology students are learning about different types of tissues and identifying different tissues using the compound light microscope.

Math Department

Mathematics is off to a great start for the 19-20 school year!

Mu Alpha Theta, math honor society, had a successful first meeting, gathering old and new members alike for a fun afternoon of pizza, conversation, and math! Anyone interested in joining should listen to the announcements for information regarding the next meeting.

Students in Algebra 1 learned about the fundamentals of the course, such as expressions and equations, while strengthening their previous skills. Geometry classes had some fun learning how to execute transformations and apply geometric reasoning to proofs. Algebra 2 students spent a unit reviewing

algebra basics then delved into deepening their knowledge of quadratic functions. They finished up the quarter with an application project making their own 2-D roller coaster. Trigonometry and Precalculus courses have increased the algebra rigor while introducing students to the great things trig functions and their graphs have to offer. Students in these classes also just completed a comprehensive parent graph project. Our AP Calculus program is expanding and introducing more students to



the fascinating cross-curricular concepts it has to offer. These students are continually preparing for the opportunity to earn college credit. Math for College Readiness and Liberal Arts classes are doing a fantastic job reviewing old topics and working to strengthen foundational skills; online modules and college/career projects are a staple of these courses. Students taking Statistics had the opportunity to be introduced to a new, fun type of math that offers real-world applications.

As with any subject, vocabulary has been a big focus in all courses; being able to "speak" math is as important as understanding the mechanics.

Group tutoring opportunities are available for most math classes each week.

Contact student services or your child's teacher for more details.



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English Language Arts & Reading Departments

FROM LYMAN'S ENGLISH DEPARTMENT

Research shows that students who read for fun score better on standardized tests and are better prepared for the work force. Obviously, it is our duty as English teachers to prepare students for these standardized tests and for life after high school by teaching reading and writing skills; but it is also a necessary part of our job to foster a love of reading, to encourage students to read for fun. Following are just some of the creative ways our teachers are working to promote reading to our students:

1. Most teachers in our department maintain a classroom library where students can check out books that are not required reading for the class. Some teachers even allow time for students to discuss what books they are reading and make recommendations to other students.
2. In order to get students more involved in reading and make it fun, some teachers have students read plays aloud in class, allowing students to act out the parts instead of just reading.
3. Some of our grade levels have opened up their summer reading options in order to allow students more choice in what they read.
4. Many of our teachers employ themes to tie different texts together; our 9th grade teachers are currently doing a "Murder Mystery" unit that has students fully engaged and excited about their reading.
5. Some of our teachers are incorporating independent reading into their classes, where students get to choose what they read and pace themselves through the book.

Students who love to read and do it regularly will have an advantage over students who do not, so please join us in encouraging your students to find something they enjoy reading.





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Career and Technical Education

WLTI- Washington Leadership Training Conference, a national SkillsUSA event with the purpose of preparing its State Officers, as well as other state members from around the country for leadership when they return home in the hope that the training they receive filters down to benefit even the members of each individual chapter, like the one here at Lyman High School. However, my experience at WLTI as the SkillsUSA Florida State Treasurer has done more than teach me how to be a better leader; a newfound definition to the meaning of hard work and dedication to a team are some of the indirect benefits, especially after the many long days and nights of laboring tirelessly with the amazing people you are sure to encounter within this organization. Upon our arrival in Washington D.C., we were met with many challenges- preparing for our congressional meetings in the United States Capitol and receiving our National Statesman Award (an award given to SkillsUSA members who can demonstrate superior civic and SkillsUSA knowledge) are just a couple of these. Over all, I would without hesitation recommend SkillsUSA to any student who wants both a heightened involvement in their career and technical education class, as well as the opportunities to attend conferences such as I have just described, I promise it will be an experience you will never forget.

—SkillsUSA Florida State Treasure, Cavin D. Fisher



Fine Arts Department

LONGWOOD, FL. – Lymlight Productions, the Resident Theatre Company at Lyman High School, will present Hamlet, by William Shakespeare, on November 7th, 8th, and 9th at 7PM in the Lyman High School Auditorium: 865 S Ronald Reagan Blvd, Longwood, FL 32750.

Hamlet (Junior Zachary Bernstein) returns home from school for his father's funeral only to discover that his mother, Queen Gertrude (Junior Christina Morris) has promptly married his uncle. Along with this unsettling information, Hamlet's longtime girlfriend, Ophelia (Sophomore Courtney Sickler), suddenly breaks off their relationship, leaving Hamlet awestruck and brokenhearted. Soon after, the Ghost of Old Hamlet, King of Denmark, reveals that his death was a murder, executed by Claudius, the new King of Denmark and Hamlet's Uncle (Junior Connor Mathews). Disgusted and betrayed, Hamlet plans to avenge his father's murder, but cannot seem to leave his conscious for bloody deeds.

Tickets can be purchased at the door for \$10.00, or reserved at the presale price of \$7.00 by emailing the Lymlight Productions office: Susan_Gerdeman@scps.k12.fl.us. As always, all middle school students may present their student ID to receive one free ticket with a paying adult.

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Rowing

Lyman Rowing is having a dynamic start to the 2019-20 season with some exciting changes! We welcome Head Coach Lauren Day "back" to her first rowing team! After rowing on Lyman's young crew team, Lauren rowed

collegiately for the University of Florida, as well as at the master level, and has amassed quite a number of medals over the years. Lauren's passion is bringing a love for the sport and healthy lifestyle skills to young rowers. She is excited to be back with the Greyhounds!

There are two seasons to rowing, fall and spring, and this fall we are looking forward once again to taking our varsity rowers to the "Head of the Hooch" regatta in Chattanooga, TN. Other races in the fall are the Gator Head Regatta in Gainesville, the Stetson Fall Classic in Deland, and the Plant Fall Sprints in Tampa.

Rowing is a full body workout, one of the few athletic activities that involve all of the body's major muscle groups. It is low-impact and thus great for cross-training. Rowing looks graceful, elegant and sometimes effortless when it is done well, but don't be fooled. Rowing demands endurance, strength, balance, mental discipline and the ability to continue on when your body is demanding that you stop.

We welcome any Lyman student to come out to a practice to learn about rowing.

For more information, go to LymanCrew.org.

Go Greyhounds!



Athletics

With the sights and sounds of a new academic year all around us, The Chase has begun for Greyhound Athletics.

Girls Volleyball has set the pace for what is sure to be a successful year of athletics competition. So far, your Volleyball team has risen to #2 in the state rankings for Class 7A, and they are the #21 team in the COUNTRY! They swept Oviedo High School in 3 straight sets to win the District Championship and advance to the Regional Round of the State Championship Series.

Girls golfer Emma Hall finished tied for 2nd, and our Boys Golf team finished 3rd at their respective District Tournaments. Their performances earned them trips to the Regional Round of the State Championship Series. In pursuit of their 3rd straight Conference Championship, our Slow Pitch Softball team finished their season in 3rd place. They have started preparing for the coming Fast Pitch season, and we are excited to see our softball program continue to build off of the momentum created by such a competitive Slow Pitch season.

Other noteworthy performances from our Fall Sports include Cross Country runner Megan Rhodes finishing in 1st place out of 163 runners at the Katie Caples Invitational. Swimmer Stephen Zanowic finished in 3rd place out of 86 swimmers in the 100 yard Freestyle at the Conference Championships. Swimmer Eric Stringer also finished in 3rd place in the 200 yard Freestyle at the Conference Championships. And Sophomore Quarterback Curtis Argroves earned recognition as the Player of the Week for the Seminole County Touchdown Club and the Orlando Touchdown Club after he racked up 377 yards of total offense and accounted for 4 touchdowns against East River High School.

With Winter Sports on the horizon, the remainder of our Fall Sports teams are working hard in preparation for their Conference and District Championships, and we can't wait to share their stories of success with the Lyman community.

If you haven't done so already, Get Involved with Lyman Athletics. Join our Booster Club. Join the Greyhound RoundUp to help us fundraise. Register for our Hall of Fame 5k. Attend our athletic events...and bring a friend.

We invite you to join us in celebrating our amazing student-athletes.

We invite you to Start The Chase.



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Engineering Department

Aerospace Engineering (AE): Students are learning about the physics of flight, how changes in aircraft design effect controllability, and how atmospheric conditions can be important to commercial and military flights. They are about to participate in a glider design challenge where they designed, built and tested their unique balsa wood gliders. We hope to break last year's record of 104 feet of flight! Students are also learning how to program Microsoft Excel to perform calculations on Lift and Drag associated with an Aircraft. They will finish the 1st quarter by learning some Navigation techniques before preparing for their 9 weeks exam.

Civil Engineering and Architecture (CEA): Students have been learning that architecture and civil engineering boast a vast history of accomplishments in their respective fields. They have been researching and learning about the training required for Civil Engineering and Architecture, and also discovering that each discipline offers a rich variety of specialties. Students had the opportunity to choose one specific career, research it, this activity helped provide a foundation and perspective for students regarding careers as they venture through the remainder of the course.

Introduction to Engineering Design (IED): Students have been busy learning about the design process through various hands-on activities. They are learning that each time you solve a problem, a design process is used. Students were assigned to teams and given the task to brainstorm ways to enhance or change a plain white beverage container so that nearly every consumer would want to purchase it. Teams presented their final products to the class for a question and answer discussion. Students are now engaging in research on the variety of engineering disciplines. Throughout these activities, students have been provided a foundation for engineering knowledge and professional practices that will be used through this and other Engineering courses, as well as throughout a student's career.

Advanced Placement Computer Science Principles (CSP): Students are learning basic control structures for programming in Java and using a chosen language to create a program of their ability. Students are researching computing technologies of today, creating a visual depiction (artifact), writing responses and citing their work for their Explore Performance Task portion of the AP CSP Exam.

Clubs are underway. Lyman STEM includes several options for involvement including: Biology and Medicine Club (BAM), Coding Club, CyberPatriot, Girls Who Code (GWC), NTHS, Robotics, SECME, SkillsUSA, Society of Women Engineers (SWE) and Technology Student Association (TSA).