

AAST NEWSLETTER

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Aerospace at Triple Tree Aerodrome



September 22 - September 26, 2025

On Wednesday, Aerospace Engineering students traveled to Triple Tree Aerodrome in Woodruff, SC for their annual Fly-In event. Students were able to talk to retired military pilots, learn about weight distribution in aircraft, see various planes in the hangar, and fly on the flight simulators! It was a great experience for the students to get to speak with pilots and people involved in aviation!



Upcoming Events



SENIOR PICTURE MAKEUP
DAY
OCTOBER 7

ED OP DAY
OCTOBER 8

FALL BREAK, NO SCHOOL
OCTOBER 13-14

FALL HONOR SOCIETY
INDUCTION
OCTOBER 16, 6:00PM

JUNIOR MAKEUP PICTURE DAY
OCTOBER 22

ALL COUNTY THEATRE @ AAST
OCTOBER 22

PSAT
OCTOBER 23

BLOOD DRIVE
OCTOBER 24

SPIRIT WEEK
OCTOBER 27-31

FALL FESTIVAL
OCTOBER 30, 5-7PM

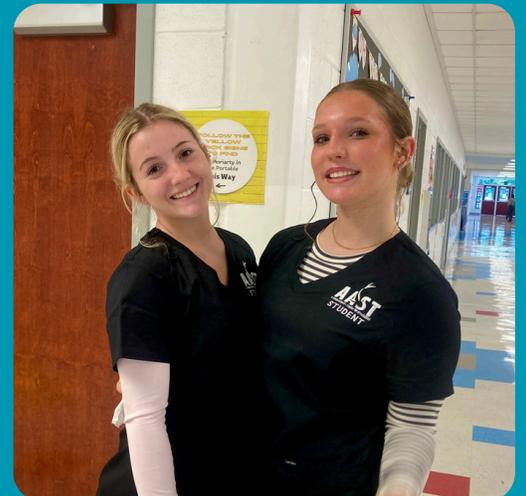
Hispanic Heritage Month at AAST

To celebrate National Hispanic Heritage Month (9/15-10/15), the AAST World Language department has organized various events.

Highlights include:

- A library display of Hispanic authors
- Awareness posters of notable Hispanic figures in hallways and the rotunda
- Students in Mr. Barrineau's Spanish classes making guacamole
- Daily announcements about influential Hispanic Americans

These initiatives aim to honor and appreciate the contributions of Hispanic culture.



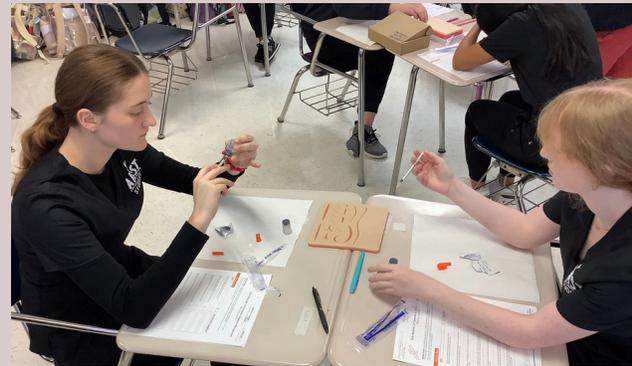
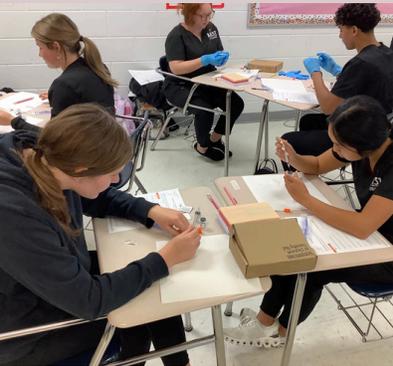
Our Pre-Med students are excited to debut their new AAST-branded scrubs! These uniforms not only showcase their school pride but also highlight their commitment to professionalism as they prepare for future careers in healthcare.

Mrs. Zanelli's 12th grade pharmacology technician students completed the project, "What the Hippocratic Oath Means to Me," which is a reflection on the values of professionalism and ethical responsibility in healthcare. Students were asked to consider the principles of the Hippocratic Oath and connect them to their future roles as pharmacy technicians. Through this literacy-based activity, they strengthened their reading, writing, and critical thinking skills while demonstrating an understanding of integrity, patient safety, and commitment to compassionate care.



Pharmacology Skills

During this week's pharmacology lab, students learned to mix NPH (intermediate-acting) and Regular (short-acting) insulin in the same syringe, a vital skill for safe medication administration. They followed the correct sequence to prevent contamination and ensured accurate dosing. Emphasis was placed on practicing aseptic techniques, disinfecting surfaces, and maintaining hand hygiene. Sharps safety was also highlighted, requiring immediate disposal of used syringes in designated containers. This lab improved technical skills and reinforced safety protocols and professional standards in clinical practice.



#RISEWITHREADING

POETRY OUT LOUD 

COMPETITION

1. **CHOOSE TWO POEMS YOU LOVE**
2. **MEMORIZE THEM - WITH FEELING!**
3. **PERFORM THEM AT OUR SCHOOL COMPETITION LATER THIS FALL**

AUDITIONS - NOV. 5
SCHOOL COMPETITION - NOV. 19

SIGN UP FORM IN SCHOOLGY

NATIONAL ENDOWMENT for the **ARTS**  **POETRY** 

[Click here to sign up!](#)

HORRY COUNTY SCHOOLS

COFFEE & CONVERSATIONS  with **CLIFF** 

Mr. Clifford Jones, Superintendent of Horry County Schools, will be holding "Coffee and Conversation with Cliff" events throughout the school year. Mr. Jones wants to use these events to listen to the community's ideas and concerns and to share news about the district with community members. These events are just one of many ways Mr. Jones hopes to connect with the community and listen, share, and learn to make Horry County Schools an even better district.

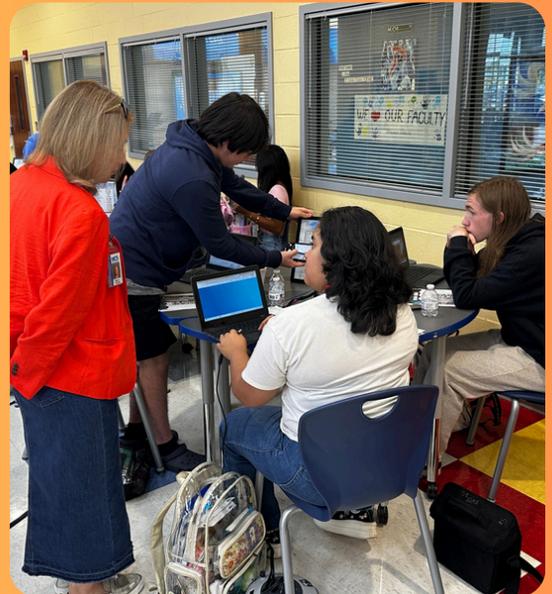
Coffee and Conversations with Cliff events will both consist of informal listening sessions and discussions. Everyone is invited, and no registration or appointment is needed. Come to any event that meets your schedule.

MORNING EVENTS	EVENING EVENTS
Conway Middle • Oct. 22, 2025 • 8:45 - 9:45 AM	Socastee Middle • Nov. 13, 2025 • 5 - 6 PM
Ocean Bay Elementary • Dec. 2, 2025 • 8:00 - 9:00 AM	Riverside Elementary • Dec. 17, 2025 • 5 - 6 PM
Aynor High • Jan. 14, 2026 • 8:45 - 9:45 AM	Carolina Forest High • Jan. 6, 2026 • 5 - 6 PM
Myrtle Beach Middle • Feb. 3, 2026 • 8:45 - 9:45 AM	HCS Early College High • Feb. 25, 2026 • 5 - 6 PM
Loris High • Mar. 25, 2026 • 8:45 - 9:45 AM	Green Sea Floyds Elementary • Mar. 19, 2026 • 5 - 6 PM
	St. James Middle • April 16, 2026 • 5 - 6 PM

Horry County Schools • 335 Four Mile Rd., Conway, SC 29526 • (843) 488-6700

College App Day

Representatives from colleges around the Southeast visited AAST to talk with students about the college application process. Students were encouraged to apply and were provided with fee waivers for several college applications.



Nurses Are Extraordinary

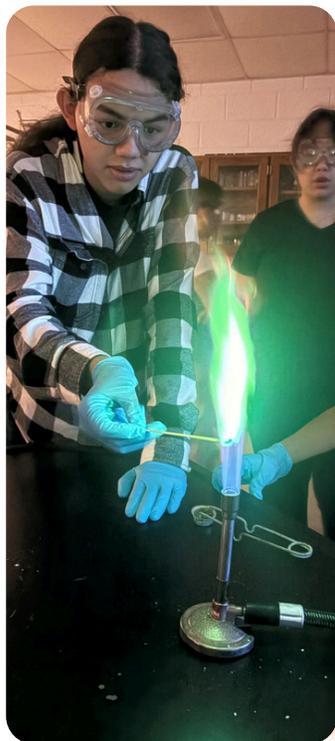
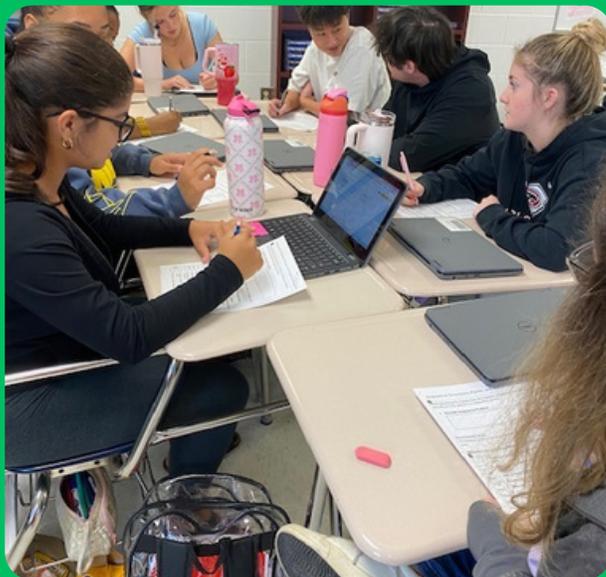


Three of our Pre-Med junior students had the opportunity to represent AAST at the “Nurses are Extraordinary” event hosted at Waccamaw Tidelands Hospital. This special program highlighted the vital role nurses play in patient care and the healthcare system as a whole. Our students were able to learn directly from healthcare professionals, gaining valuable insight into the dedication, compassion, and expertise required in the nursing field.



In Medical Terminology Honors, students are taking their knowledge to the next level by working with real-world style medical case studies. Using their growing vocabulary of medical prefixes, roots, and suffixes, they are practicing how to decode patient information, analyze symptoms, and determine possible diagnoses. This hands-on approach not only strengthens their understanding of complex terminology, but also helps them develop critical thinking and problem-solving skills essential in the healthcare field.

#risewithreading



This week in Ms. Herness's Chemistry class, students explored electrons and the Electromagnetic Spectrum through a hands-on Flame Test Lab. By heating different metal salts in a Bunsen burner flame, they observed how electrons absorb energy and then release it as light when returning to their ground state. Each metal produced its own unique color—like a chemical “fingerprint”—allowing students to see how scientists use light and energy to identify elements. This engaging experiment brought abstract concepts to life and showed the fascinating connection between chemistry and the colorful world around us.



Our Technical Theatre students are putting their sewing skills to the test by creating reusable tote bags! This project highlights sustainability by reducing waste while also building literacy through reading patterns, following diagrams, and applying theatre vocabulary. Ms. Penn's literacy teaching shines in moments like when an aerospace major connected "seam allowances" in fabric to the "tolerances" used in engineering—showing how theatre education builds practical skills and cross-disciplinary understanding students can carry into any field. And now, every student can proudly say they know how to sew on a button, repair a rip, and hem a pair of pants!



"I wanted to finish early so I could give mine to my dad for his birthday."

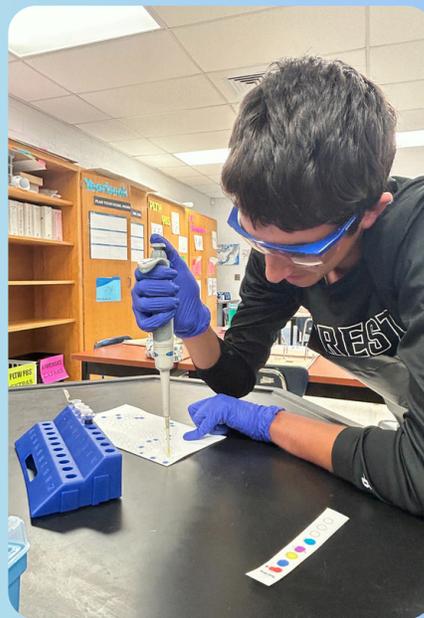
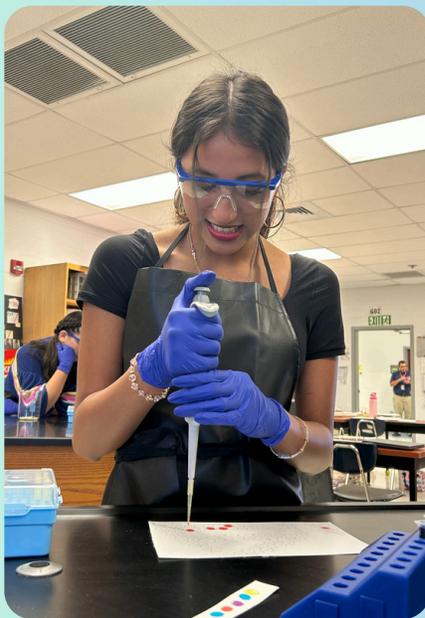
"My mom said she couldn't believe I was going to sew a real bag at school!"



Mr. Davenport's Physics Honors students put their learning into action by designing and building catapults! They tested how launch angle affects distance and calculated the initial velocity of their launches. While grades were based on learning, not distance, students still enjoyed a fun competition to see whose catapult could fire the farthest.



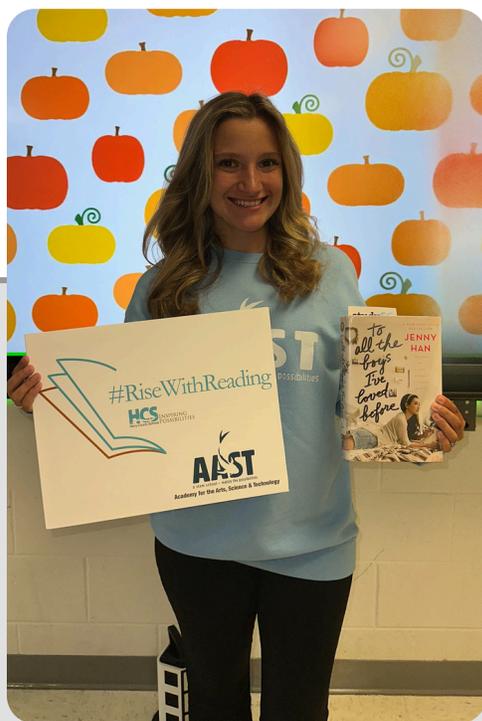
Electrophoresis in Biomed



Students in Mrs. Rielly's Biomed classes were busy this week studying DNA. First they learned techniques for extracting it and then they practiced. Next week they will use these skills to run DNA gel electrophoresis.

#RiseWithReading

"I really like this book because I liked the movie when it came out. I like seeing the differences from the book and the movie." -Samantha Whyland (pictured left)



Sixteen-year-old Lara Jean Song keeps her love letters in a hatbox her mother gave her. They aren't love letters that anyone else wrote for her; these are ones she's written. One for every boy she's ever loved—five in all. When she writes, she pours out her heart and soul and says all the things she would never say in real life, because her letters are for her eyes only. Until the day her secret letters are mailed, and suddenly, Lara Jean's love life goes from imaginary to out of control.

New Books @ AAST:

Harlem Rhapsody by Victoria Christopher Murray

In 1919, a high school teacher from Washington, D.C arrives in Harlem excited to realize her lifelong dream. Jessie Redmon Fauset has been named the literary editor of *The Crisis*. The first Black woman to hold this position at a preeminent Negro magazine, Jessie is poised to achieve literary greatness. But she holds a secret that jeopardizes it all.

W. E. B. Du Bois, the founder of *The Crisis*, is not only Jessie's boss, he's her lover. And neither his wife, nor their fourteen-year-age difference can keep the two apart. Amidst rumors of their tumultuous affair, Jessie is determined to prove herself. She attacks the challenge of discovering young writers with fervor, finding sixteen-year-old Countee Cullen, seventeen-year-old Langston Hughes, and Nella Larsen, who becomes one of her best friends. Under Jessie's leadership, *The Crisis* thrives...every African American writer in the country wants their work published there.

