

Alabama Aerospace and Aviation High School

Vision

We strive to create clearly defined pathways for our diverse student body to enter aviation and aerospace careers and also to become a widely respected source of leaders for the industry.

Mission

We prepare our diverse student body for leadership positions in the aerospace and aviation industries through a rigorous, authentic, industry-aligned aerospace and defense education.

Beliefs

- Every Student can SOAR
- Education should open doors to high-wage, high-demand careers
- Diversity is a source of strength
- Character and integrity matter as much as skill
- Learning is active and collaborative
- Community partnerships fuel opportunity
- Educators are leaders and learners.

Student Achievement	Connectedness	Culture shift	Collaborative Partnership	Learning supports
Objectives <ul style="list-style-type: none"> Provide rigorous, data-informed instruction that integrates aerospace and STEM applications to increase student proficiency in core content 	Objectives <ul style="list-style-type: none"> Foster a culture of engagement and belonging by implementing mentorship systems, attendance interventions, and enrichment opportunities 	Objectives <ul style="list-style-type: none"> Build a collaborative and growth-oriented professional culture to improve instructional quality and retention. 	Objectives <ul style="list-style-type: none"> Develop intentional, two-way communication and partnerships with families, higher education, and industry. 	Objectives <ul style="list-style-type: none"> Ensure equitable access to rigorous coursework, technology, and supports for all Champions.
Critical Initiatives <ul style="list-style-type: none"> Implement an Instructional Data Cycle (IDC) that uses ACT, PreACT, and NWEA MAP results to identify learning gaps, adjust instruction, and provide tiered interventions. Deliver targeted professional 	Critical Initiatives <ul style="list-style-type: none"> Launch a Mentorship and Advisory Program pairing each student with a caring adult for academic and social-emotional check-ins. Implement a tiered attendance intervention system using real-time 	Critical Initiatives <ul style="list-style-type: none"> Establish a Professional Learning Community framework with protected collaboration time focused on data analysis and instructional planning. Create a Staff Recognition and 	Critical Initiatives <ul style="list-style-type: none"> Implement a Family Communication Plan using text-based surveys, bilingual messaging, and flexible meeting options. Host Quarterly Family & Industry Engagement Nights to share student 	Critical Initiatives <ul style="list-style-type: none"> Develop a Schoolwide Equity Audit examining enrollment, discipline, attendance, and achievement data disaggregated by subgroup. Ensure gender equity in STEM participation through targeted

Critical Initiatives	Critical Initiatives	Critical Initiatives	Critical Initiatives	Critical Initiatives
<p>development in high-impact math and literacy strategies, emphasizing project-based and inquiry learning connected to aerospace and aviation.</p> <ul style="list-style-type: none"> Expand Acceleration and Intervention Blocks (e.g., Friday Acceleration Academy) to support mastery of standards and benchmark readiness. Strengthen curriculum alignment between core subjects and CTE pathways through co-planning between academic and technical teachers. 	<p>data, parent communication, and incentive programs to reduce chronic absenteeism.</p> <ul style="list-style-type: none"> Introduce student voice and leadership structures (Student Council, Flight Crew Ambassadors) to increase ownership of school climate. Expand extracurricular and co-curricular opportunities to strengthen engagement. Provide social-emotional learning (SEL) lessons and supports addressing belonging, goal-setting, and resilience 	<p>Wellness Program to celebrate contributions and support morale.</p> <ul style="list-style-type: none"> Provide instructional coaching cycles aligned with observation feedback, classroom walkthrough data, and teacher self-reflection. Embed culturally responsive teaching practices and equity PD across all departments to ensure inclusive classrooms. 	<p>progress, showcase projects, and connect with local employers.</p> <ul style="list-style-type: none"> Expand Dual Enrollment and Internship Partnerships with aviation, aerospace, and postsecondary institutions. Offer Parent Learning Sessions to empower families as partners in student success. 	<p>recruitment, mentorship, and outreach initiatives.</p> <ul style="list-style-type: none"> Provide bias-awareness and inclusive-practice training for staff to ensure equitable classroom expectations and interactions.

Key Measures	Key Measures	Key Measures	Key Measures	Key Measures
<ul style="list-style-type: none"> 100% of teachers maintain updated data binders. Quarterly data reviews show $\geq 10\%$ student growth PD attendance $\geq 90\%$. 15% increase in standards-aligned instruction PreACT "Need intervention" rate $> 20\%$ Average ACT composite increases to 17.5 At least 2 integrated STEM projects each Semester 75% students agree coursework is career relevant 	<ul style="list-style-type: none"> 100% students are assigned mentors 15% increase in spring survey for "Caring Adult" Chronic absenteeism drops to < 20 students Attendance rate increases to 92% Student engagement survey +10% favorable belonging Club participation increases by 25% 80% of students involved in at least one activity SEL survey +10% improvement in self management Discipline incidents decrease by 15% 	<ul style="list-style-type: none"> 100% teachers participate in PD PLC logs show 80% meetings tied to student data Staff survey "positive culture" increases 15% Teacher absenteeism decreases by 10% 100% teachers receive 2 coaching cycles each sem Observation scores improve 10% 100% teachers complete equity PD Student survey "teacher fairness" increases 10% 	<ul style="list-style-type: none"> 100% families enroll in text communication system Family satisfaction increases 20% on survey 4 events annually with 75 attendees each Post event surveys show 90% satisfaction Dual enrollment participation increases 20% 100% seniors complete at least one internship 3 sessions each semester 80% parent satisfaction with relevance of content 	<ul style="list-style-type: none"> Audit completed by Q1 Action plan implemented by Q2. Quarterly progress Female enrollment +10% 100% programs feature visible female mentors 100% staff complete equity PD Reduction of discipline disproportionality by 20%