

A.R. Johnson Health Science & Engineering High

Vision	Mission	Beliefs
<p>Our vision is to develop a globally conscious student who exhibits an inquiry-based mindset developed through the infusion of the Engineering Design Process and real-world experiences across our curriculum.</p>	<p>A.R. Johnson Health Science and Engineering Magnet School will foster a STEM culture that creates globally competitive 21st Century citizens that are college and career ready.</p>	<p>All students can excel through a rigorous, STEM-focused education.</p> <p>Global readiness comes from critical thinking, collaboration, and real-world learning.</p> <p>College and career readiness starts with strong academics and innovative thinking.</p> <p>Community partnerships enhance relevance and student opportunity.</p>

Math Student Achievement	AP Student Achievement	Social Emotional	Sci Student Achievement
<p>Objectives</p> <ul style="list-style-type: none"> • Increase grades 6–8 math proficiency among high-performing students from 60% to 65% through rigorous, grade-level, higher-order instruction. 	<p>Objectives</p> <ul style="list-style-type: none"> • Increase the College Readiness Index score by improving the AP exam pass rate from 31% to 36% among enrolled students. 	<p>Objectives</p> <ul style="list-style-type: none"> • increase the stakeholder survey score from 72 to 76 who feel valued, connected, and supported by fostering a supportive SEL culture 	<p>Objectives</p> <ul style="list-style-type: none"> • Increase 8th grade science proficiency & growth among high-performing students from 35% to 60%
<p>Critical Initiatives</p> <ul style="list-style-type: none"> • Implement targeted professional development focused on designing and delivering higher-order, grade-level math tasks that challenge 	<p>Critical Initiatives</p> <ul style="list-style-type: none"> • Identify and recruit underrepresented students for AP enrollment through data analysis, teacher recommendations, and targeted 	<p>Critical Initiatives</p> <ul style="list-style-type: none"> • Create a Data-Driven SEL & Counseling Framework to Support Student Well-Being and Engagement 	<p>Critical Initiatives</p> <ul style="list-style-type: none"> • Provide professional development for teachers focused on effective strategies for teaching rigorous, inquiry-based science aligned to

Critical Initiatives
<p>high-performing students.</p> <ul style="list-style-type: none"> Integrate mock assessments for grades 6-8 at BOY, MOY, and EOY to monitor student understanding and adjust instruction to deepen problem-solving skills, using Progress Learning. Enhance enrichment opportunities such as STEAM competitions, and advanced projects that promote critical thinking and application of rigorous math concepts.

Critical Initiatives
<p>outreach.</p> <ul style="list-style-type: none"> Provide monthly professional development through collaborative planning, AP vertical alignment, and content-specific coaching to ensure rigorous and effective AP instruction. Offer after-school tutoring, Saturday sessions, and exam prep workshops to support AP students, especially those at risk of underperformance.

Critical Initiatives
<ul style="list-style-type: none"> Coordinate student-led clubs and peer support groups facilitated by counselors and the intern to strengthen student connections, voice, and sense of belonging Create a staff wellness initiative that includes check-ins, appreciation events, and access to mental health resources to support emotional well-being and positive morale.

Critical Initiatives
<p>grade-level standards.</p> <ul style="list-style-type: none"> Implement differentiated instruction and enrichment activities that challenge high-performing students to engage deeply with complex scientific concepts and skills. Integrate mock assessments regularly to monitor student understanding and adjust instruction to deepen scientific thinking and problem-solving skills. (progress learning or IXL)

Key Measures
<ul style="list-style-type: none"> Classroom Walkthrough Data Checklist for Observations Lesson Planning Teacher participation in Math specific PD Student performance on classroom progress checks Increase in student scores on mock assessments Student engagement & confidence scores on survey Creation of student clubs

Key Measures
<ul style="list-style-type: none"> Number of students enrolled in AP courses Demographic breakdown of AP enrollment Year-over-year growth in AP participation Teacher participation in AP-specific PD Walkthrough or observation data indicating rigor Student performance on AP classroom progress check Attendance rates for tutoring and prep sessions AP exam pass rates (score of 3 or higher) Student Feedback Surveys on Support Sessions

Key Measures
<ul style="list-style-type: none"> Student SEL Survey Results Lesson Completion Rate Behavioral Data Trends Student Participation Rates in Clubs/Groups School Climate Survey Results Club and Group Offerings Staff Climate Survey Results Staff Attendance Rates

Key Measures
<ul style="list-style-type: none"> Classroom Walkthrough Data Checklist for Observations Lesson Planning Student performance on classroom progress checks Teacher participation in Science specific PD Student engagement & confidence scores on survey Increase in student scores on mock assessments