

**Applications & Research Lab (ARL)  
SCHOOL IMPROVEMENT PLAN AT A GLANCE  
2016 – 2017**



| <b>ARL SCHOOL: VISION AND MISSION</b>  | <b>STRATEGIES</b>  |
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| <p>Every student is <i>inspired</i> to learn and <i>empowered</i> to excel</p> <p>The centralized academies at the ARL will engage students through real-world experiences and 21<sup>st</sup> century industry standards to be college and career ready, thus empowering lifelong learners and qualified professionals who will thrive in a dynamic world.</p>  | <ul style="list-style-type: none"> <li>➤ Teachers will utilize UbD (Understanding by Design) as a guiding focus in their instructional planning, delivery, and assessments; consequently, every student will achieve industry certifications. Assessment checks and balances (data) will guide all teachers’ instructional practices and delivery. Teachers will utilize Danielson’s best teaching practices, with a focus on Domains 2 and 3. Teachers will use Industry Certification tasks as their SLO and thus measure student growth over the course of the year. Administrator will discuss impact of instruction at goal setting conference, midyear conference, and end of year evaluation.</li> <li>➤ In order to impact Industry Certification participation and performance for all students, staff will reinforce and market the benefits of obtaining industry certification once in the workforce/college. In order to impact Industry Certification participation for Under Represented students, staff will reinforce and market the benefits of obtaining industry certification in the workforce/college. Mrs. Anita Brown Lee (Community Liaison) and Mr. Karl J. Schindler (Principal) will meet with Under Represented(female) students, Hispanic, African American, and Asian students to personally invite them to take and pass the industry certification tests. We will also meet with the Women in Technology cohort to reinforce and market their certification success.</li> <li>➤ In order to impact Industry Certification, pass rates for all students, staff in Certification content areas will develop and implement throughout the year high quality internships and certification performance assessments aligned with the relevant Certification content, UbD, and pedagogical practices. Collaboration within Academies in task design and scoring will help develop horizontal and vertical articulation of skills. Additionally, in order to impact AP participation/performance for students enrolled in Biotechnology and Graphic Arts, staff will inform students and parents about the benefits of taking the AP exam. Additionally, staff will familiarize themselves with the AP test format and provide students the opportunity to take the targeted AP practice tests.</li> </ul> |
| <p align="center"><b>HCPSS VISION AND MISSION</b></p>  |  |
| <p align="center">Vision 2018:<br/>Every student is inspired to learn and empowered to excel.<br/>Mission: We cultivate a vibrant learning community that prepares students to thrive in a dynamic world.</p>  |  |
| <p align="center"><b>HCPSS GOALS</b></p>   |  |
| <ul style="list-style-type: none"> <li>• Students (Goal 1): Every student achieves academic excellence in an inspiring, engaging, and supportive environment.</li> <li>• Staff (Goal 2): Every staff member is engaged, supported, and successful.</li> <li>• Families and the Community (Goal 3): Families and the community are engaged and supported as partners in education.</li> <li>• Organization (Goal 4): Schools are supported by world-class organizational practices.</li> </ul>  |  |
| <p align="center"><b>SCHOOL TARGETS</b></p>  |  |
| <ul style="list-style-type: none"> <li>• Performance (ALL): The percentage of students earning Industry Certification will increase from <b>70%</b> (228/324 students) in 2015-2016 to <b>74%</b> (257/346 students) in 2016-2017.</li> <li>• Performance (Under Represented): The percentage of Under Represented students earning Industry Certification will increase from <b>63%</b> (95/151 students) in 2015-2016 to <b>66%</b> (124/187 students) in 2016-2017.</li> <li>• Participation (ALL): Enrollment of students in Academy Internships will increase from <b>27%</b> (40/149 students) 12th grade students in 2015-2016 to <b>30%</b> (50/150 students) of 12th grade students in 2016-2017.</li> <li>• Participation (ALL): Enrollment of students in Academy Certification courses will increase by <b>3%</b> 10th-12th grade students in 2017-2018, from 922 students to 949 students.</li> </ul> |  |