

Academy of Science 2017-2018 School Improvement Plan Loudoun County Public Schools

Needs Assessment Summary:	<ol style="list-style-type: none"> 1. In order to create deeper understandings of the skills needed in research, students will need broader backgrounds in programming and data analysis. 2. There is a need to increase communication with parents by strong input into ParentVue and by assuring that parents are kept informed of curriculum and grading. 3. As we transition to a new building, there is a need to create detailed documents for new staff. 	
Objective	The AOS will continue the development and documentation of curricula that leads to meaningful experiences as well as deeper learning for students	
	1. Math faculty will identify, create, and implement adjustments to the ninth grade math curriculum.	
	Action Steps	<ol style="list-style-type: none"> 1. Choosing a faculty member and providing him/her professional development to investigate the practicality and feasibility of adding a programming piece to our ninth grade course 2. Providing professional development to ninth grade math faculty so that this can be implemented. 3. Creating curricula changes that will allow students to begin development of programming skills.
	Quarter 1 Status:	
	Quarter 2 Status:	
	Quarter 3 Status:	
	End of Year Status:	
	2. All teams will create detailed curricula that will be able to be used by new faculty as we transition to the Academies of Loudoun.	
	Action Steps	1. Documenting curricula that are currently offered as well as providing teacher guides.
	Quarter 1 Status:	
	Quarter 2 Status:	
	Quarter 3 Status:	
	End of Year Status:	
Objective	The school will enhance external communications paying particular attention to parent contact	
	1. Faculty will provide timely feedback to parents regarding student progress.	
	Action Steps	<ol style="list-style-type: none"> 1. Faculty will adhere to required posting schedule for ParentVue 2. Faculty will contact parents when a student is in danger of getting a quarterly grade lower than a B-. 3. Administration will provide support to faculty in order to facilitate the above task.
	Quarter 1 Status:	

	Quarter 2 Status:	
	Quarter 3 Status:	
	End of Year Status:	