Austin High School Academies Extension

Develop exploratory problem-based learning in Science, Technology, Engineering, Art and Mathematics (STEAM), as well as humanities curriculum at O. Henry Middle School to align with the Austin High School academies. Blended learning programs will be implemented at the elementary schools that feed into O. Henry to give students a seamless transition between grade levels. These programmatic changes will ensure that students are prepared for and will be successful in the Classical Studies, Design & Technology, Global Studies and Science & Innovation academies at Austin High.

Students can cultivate their curiosities in STEAM and the humanities by engaging in real-world scenarios. By integrating some of O. Henry's educational ideology and approach into earlier studies, students can acclimate to changes incrementally and thn░T░o s etegiog ░ighsc░ool░

Expansion of Bowie High School Engineering and Computer Science Programs

Austin ISD will strengthen and expand Bowie High School's engineering and computer science pathways by building on the successful robotics, computer science, STEM and engineering programs at the Bowie feeder middle schools. Advanced coursework in these areas, such as SWIFT Apple coding, emerging technologies and engineering design, will help students excel in 21st-century careers. New opportunities to pursue health science careers will be fostered by a partnership with Baylor Scott & White Health. Elementary schools in the Bowie vertical team will provide exploratory, hands-on learning experiences to spark and cultivate students' interests and talents.

Timing will be determined upon a comprehensive assessment of complete School Changes project phasing

Bowie High	Baldwin Elementary	Mills Elementary
Bailey Middle	Barano Elementary	Oak Hill Elementary
Covington Middle	Clayton Elementary	Patton Elementary
Gorzycki Middle	Cowan Elementary	
Small Middle	Kiker Elementary	

Academic Program Cost . . . . **TBD**

Reinvested 2017 Bond Funds. . . . . **N/A**

Deferred Maintenance Savings . . . . **N/A**

Annual Operations & Maintenance Savings. . . . . **N/A**

The Bowie vertical team is poised to accelerate computer science and engineering experiences for students from Pre-K through 12th grade. Schools will offer STEM explorations beginning with their earliest learners and continuing to college credit courses for their high school students.

- Expanding the health science, computer science and engineering curriculum at the elementary and middle schools that feed into Bowie.
- Opening the Health Science Career Launch program at Bowie with Baylor Scott & White Health.
- Expanding the Computer Science Career Launch program at Bowie with Apple.
- Preparing students for success in high school and beyond.

	Districtwide Changes	
	New Program	
	Enhanced Program	Expanded feeder Feet F. Expaignmen (gt [6m]HMC Artifact 2 Layou