

Dear Eighth Grade Parents and students,

In response to the growing demand and importance of math, science, and technology in today's workforce, Perry High School is proud to offer a one-of-a-kind, advanced program of study – **STEM (Science, Technology, Engineering, and Math)**.

Students enrolled in the PHS STEM Diploma and STEM Scholar Diploma Program will participate in a unique academic program that includes math, science, and technology courses all four years of their high school career. The ultimate goal of the program is to prepare students for college readiness in science, medicine, engineering and math majors. Students who complete the program and earn a STEM Diploma or STEM Scholar Diploma will receive several academic endorsements and special recognition at graduation. Any student who is interested in the biomedical, engineering, computer science or sustainability fields is encouraged to apply.

### STEM Diploma

Year 1	Year 2	Year 3	Year 4
English 9	English 10	English 11	English 12
Honors Geometry	Honors Algebra 2	Honors Brief Calculus/Honors Pre-Calculus	AP Calculus BC
Honors Biology	Honors Chemistry	AP Chemistry	AP Physics 1 or AP Physics C
World History	Elective (Year) Elective/ Health	American/Arizona History	Economics/ U.S. Government
World Language 1	World Language 2	Menu/Focus	Menu/Focus
Physical Education	Fine Art/Elective	AP Statistics	

### STEM Scholar Diploma

Year 1	Year 2	Year 3	Year 4
Honors English 9	Honors English 10	AP English 11	AP/Dual Enrollment English 12
Honors Algebra 2	Honors Brief Calculus/Honors Pre-Calculus	AP Calculus BC	MV Calculus/Differential Equations
Honors Biology	Honors Chemistry	AP Chemistry	AP Physics 1 or AP Physics C
AP World History	Elective (Year) Elective/ Health	AP American/Arizona History	AP Macroeconomics/ AP U.S. Government
World Language 1	World Language 2	Menu/Focus	Menu/Focus
Physical Education	AP Statistics	Fine Art/Elective	

<b>PHS</b>	<b>Focus:</b> Computer Science, Engineering, Sustainability	<b>Menu:</b> Human Biology, Robotics, Honors Science Research	AP Biology, AP Environmental Science
<b>CGCC</b>			Biotechnology-Chemistry
<b>Possible Online Course</b>	Health		
<b>Required Summer Workshop/STEM Experience/Science or Innovation Fair</b>	<b>Workshops:</b> At PHS during freshman or sophomore summers.	<b>Science/Innovation Fair:</b> Students must submit a science fair, or innovation fair, project for the HISEF in their Honors Biology Class	<b>STEM Experience:</b> Job Shadow/Advanced Workshops/STEM Activities During junior summer

*Please join us for a STEM program informational night that will be hosted in the Perry High School auditorium for the following junior high schools:*

**SANTAN/WILLIS/PAYNE JHS**

**Wednesday, December 4th, 6:00 p.m. At Perry High School - Auditorium**

If you do not attend any of these junior high schools, feel free to attend on this night for information.

If you need additional information please contact Fred Mann 480-224-2947