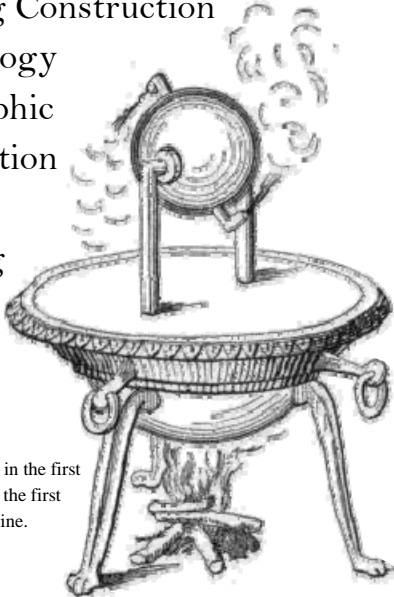


SLC Administrator ——— Chad Scott  
SLC Leader ——— Trish Sitton  
SLC Counselor ——— G\cbXU7\Ua V\Uj

## Focus Areas

- Architecture
- Computer Engineering or Programming
- Engineering
- Mechanical/Industrial Engineering
- Military
- Natural Resource Systems/  
Environmental Service Systems
- Physical Sciences
- Auto Collision Repair
- Aviation Maintenance
- Building Construction  
Technology
- Geographic Information  
Systems
- Welding

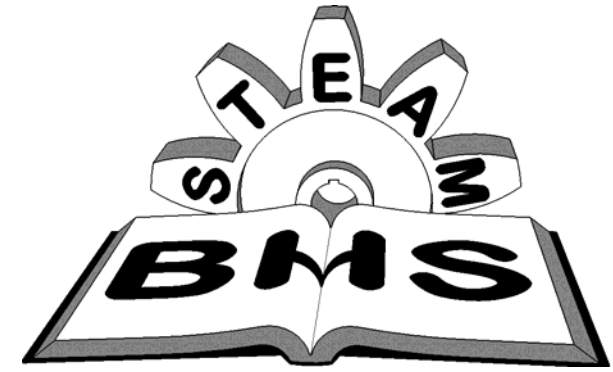


The Aeolipile, built in the first century AD, was the first STEAM engine.

Jump on board the  
**STEAM**  
Small Learning Community.

## Vision Statement

*To achieve a balanced education through the pursuit of academics and the development of technological skills.*



**Science  
Technology  
Engineering  
Architecture  
Military**



***Full STEAM Ahead!***

FOCUS AREA	REQUIREMENTS	ELECTIVES
<b>Architecture</b>	Arch/CADD I (Geometry Co-requisite), Arch/CADD II, Arch/CADD II Lab	Art I, Housing & Interior Design*, Leadership & Communication*, Physics
<b>Computer Engineering or Programming (may be completed at BHS or RTC in Fayetteville)</b>	{Computer Applications II*, Programming I*, Programming II*} OR {Computer Diagnostics <sup>RTC</sup> , Computer Operating Systems <sup>RTC</sup> , Networking <sup>RTC</sup> }	AP Calculus, AP Computer Science, Finite Math, Computer Applications III*, Digital Electronics, Physics, Pre-Calculus, Principles of Engineering, Web Design & Multimedia*
<b>Engineering</b>	Intro to Engineering, Pre-Calculus or AP Calculus, Select 1 {AP Environmental Science, H OR AP Chemistry, H OR AP Physics}	Computer Integrated Manufacturing, Principles of Engineering, Engineering Design & Development
<b>Mechanical/Industrial Engineering</b>	Digital Electronics, Intro. to Engineering, Select 1 {Principles of Engineering, Computer Integrated Manufacturing}	Any option not taken as requirement, AP Physics, Engineering Design & Dev., Physics, Pre-Calculus OR AP Calculus, Biotechnical Engineering <sup>RTC</sup> , Civil Engineering & Architectural <sup>RTC</sup> , Aerospace Engineering <sup>RTC</sup>
<b>Military</b>	PE/Lifetime Fitness and Conditioning, {Psychology* OR AP Psychology}	AP European History, AP Government & Politics, AP Human Geography, AP World History, Debate, Human Behavior & Disorders*, Human Relations*, Leadership & Communication*, World Lang II
<b>Natural Resource Systems/Environmental Service Systems</b>	Ag. Science & Tech.*, Managing Natural Resources*, {AP Environmental Science OR Environmental Science* AND Botany*}	Business Law*, Human Relations*, Leadership & Communication*, Psychology*, Zoology*
<b>Physical Sciences</b>	AP Physics OR AP Chemistry, H Physics OR H Chemistry, Pre-Calculus	Any option not taken as requirement, AP Calculus, Food Science*

The following focus areas are available only through the Regional Technical Center (NWACC) in Fayetteville.  
Check with your counselor to determine qualifications and required courses.

FOCUS AREA	REQUIREMENTS
<b>Auto Collision Repair</b>	Non-Structural Analysis & Repair, Structural Analysis & Repair, Painting & Refinishing
<b>Aviation Maintenance Technology</b>	General Aviation & Basics (462 hours), Airframe Subjects (750 hours), Powerplant Subjects (750 hours)
<b>Building Construction Technology</b>	Construction Fundamentals, Carpentry, Advanced Carpentry, Plumbing, Masonry, Construction Apprenticeship
<b>Geographic Information Systems</b>	Introduction to Geographic Information Systems, GIS & Remote Sensing, Spatial Technology & Remote Sensing, Spatial Projects & Community Exchange
<b>Welding</b>	Gas Tunsten Arc Welding, Gas Metal Welding, Shielded Metal Arc Welding, Oxyacetylene Cutting, Plasma Arc Cutting, Air Carton Arc Cutting

\* The class is a half credit. All others are full credits

<sup>RTC</sup> The class is only offered at the Regional Technical Center