

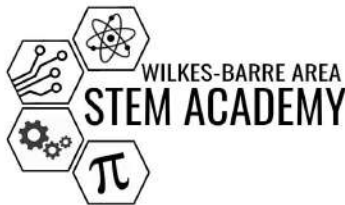
Wilkes-Barre Area School District STEM Academy

2021 Wolfpack Way
Plains, PA 18705
(570) 826 - 7111 ext. 8126
https://www.wbasd.k12.pa.us/wbasdstemacademy_home.aspx

Brian Costello, Superintendent
Hal Gabriel, STEM Academy Principal
Jill Saporito, STEM Guidance Counselor
Keith Eberts, STEM Department Chair
Diane McFarlane, Senior College Counselor

CEEB Code: 390094
Clearhouse Code: 852468

Family, Community, and Teamwork



The Wilkes-Barre Area STEM Academy is a science, technology, engineering and mathematics program that uses three dimensional, hands-on educational experiences to help students apply knowledge gained into future STEM related professions. Our students work in a collaborative environment that emphasizes the importance of teamwork. We personalize the learning process by flipping the standard teaching philosophies into a more student - centered and teacher facilitated environment. In their tenure at the STEM Academy students can take up to six science classes and four math classes. We have four engineering classes integrated into the curriculum for our students to take in their four years at the STEM Academy. We take pride in our motto, Family, Community, and Teamwork. The STEM Academy has a family atmosphere due to our smaller class sizes. Our local community leaders work directly with our students through mentorship programs, internships, and competitions. This teaches our students the importance of networking and building relationships outside of the classroom. Our Dual Enrollment Program allows students to take college courses from our local partners, Wilkes University, King's College, and Penn State Wilkes-Barre.

Enrollment: Gr. 9 - 21; Gr. 10 - 23; Gr. 11 - 14; Gr. 12 - 20

Young Scholars: College Courses available to eligible Juniors and Seniors.

Wilkes-Barre Area STEM Academy is one of two high schools in the Wilkes-Barre Area School District. The other is: Wilkes-Barre Area High School grades 9-12



Post Graduate Statistics: Based on class of 2021

84% 4-year public/private schools

8% 2-year college

8% workforce

STEM Grading Scale

A	93-100	3.72 - 4.00
B	85-92	3.40 - 3.28
C	75-84	3.00 - 3.36
D	70-74	2.80 - 2.96
E	70- Below	2.8 - 0

GPA: weighted 100 point scale

At the Wilkes-Barre STEM Academy we do not rank students due to the small class sizes.

Science Courses:

Biology (I, II, and AP)
Chemistry (I, II, and AP)
Physics
AP Physics
Adv. Investigations in Science and Biomimetics

Math Courses:

Algebra II
Geometry
Trigonometry / Pre-Calculus
Calculus
AP Calculus

Engineering Courses:

Engineering I - Design Engineering
Engineering II - Robotics Engineering
Engineering III - Civil Engineering & architecture

History Courses:

U.S History I
U.S History II
Civics or AP History

English Courses:

Advanced English 9
Advanced English 10
Advanced English 11 or AP
Advanced English 12

Computer Sciences

Programming 1
Programming 2
Programming 3

