

STEM Pathway

Help design the future.

In an ever-changing, increasingly complex world, it is more important than ever that our nation's youth are prepared to utilize knowledge and skills to solve problems, make sense of information, and to gather and evaluate evidence to assist with making decisions. These are the kinds of skills that students develop in science, technology, engineering, and math—disciplines collectively known as STEM. According to the U.S. Department of Education, “If we want a nation where our future leaders, neighbors, and workers have the ability to understand and solve some of the complex challenges of today and tomorrow, and to meet the demands of the dynamic and evolving workforce, building students' skills, content knowledge, and fluency in STEM fields is essential.” STEM education creates critical thinkers, increases science literacy, and enables the next generation of innovators.

In keeping with the global STEM initiatives and in response to the increasingly technology-driven job market, the Township of Union Public School District is excited to offer a *STEM Pathway* program of study for our high school students. The purpose of the STEM Pathway is to provide our students with a solid foundation in the core STEM subjects. In doing so, it will better prepare students for post-secondary college and career plans, as well as equip them with the skills necessary to compete in this global society.

Potential careers in STEM include:

- Web/Software Developer
- Computer Scientist
- Statistician
- Architect
- Civil Engineer
- Chemist
- Geneticist
- Game Programmer / Designer
- Certified Ethical Hacker
- Robotics Engineer

Government, Law, & Public Policy Pathway

Make a lasting, transformational impact.

Are you interested in working in diplomacy with foreign governments, homeland security, human rights and social justice advocacy, government relations, political campaigns, and/or law? If so, the Government, Law, and Public Policy Pathway (GLP³) may be for you.

The *Government, Law, and Public Policy Pathway* has been created to provide our students with an opportunity to take the first steps on a life-long journey to become leaders in our society. From America's historical foundations to the present, students will learn the history and inner-workings of government to expand their knowledge of policy, competitive politics, and law so that they can become transformational leaders. This pathway is designed to develop the essential skills of active citizenship and a comprehensive appreciation for the principles and values upon which the law, legal processes, and the entire legal system are based.

Potential careers in GLP³ include:

- Defense Intelligence Expert
- National Park Ranger
- Public official
- Lawyer
- Diplomat
- Military Personnel
- Judge
- Political Consultant
- Non-Profit Leader
- Civil Rights Investigator

Business Administration and Management Pathway

Unlock the entrepreneur inside you.

The world of business is constantly on the move, evolving with new technologies and revolutionizing as more free-thinking entrepreneurs step onto the playing field. Studying business not only involves studying individuals, communities, and organizations, it also involves assessing their needs and problems and generating solutions. The U.S. Bureau of Labor Statistics (BLS) reports that employment of business and finance occupations is expected to increase 10% from 2016 to 2026, which is higher than the average for all fields of work. The BLS further predicts that more than 773,000 new jobs in business will be added during this time.

To meet the need of this growing field, the Township of Union Public School District is excited to offer a *Business Administration and Management Pathway (BAM)* program of study for our high school students. The purpose of this pathway is to provide our students with a solid foundation in the core functions of Business with the intention of preparing them for post-secondary college and career endeavors, as well as increasing their marketability in the very competitive business industry.

Potential careers in BAM include:

- Entrepreneur
- Sales
- Financial Analyst
- Management Consultant
- Sports/Entertainment Agent
- Hospitality
- Market Research
- Human Resources
- Real Estate
- Warehouse and Supply Management

Visual/Creative Arts and Performance Pathway

Show the world what you can do.

Society and its people are diverse and complex. As such, it is important to be able to understand people, cultures, events, and concepts from multiple perspectives. It is also crucial that one is able to express themselves clearly and meaningfully through a variety of methods. The Arts are increasingly recognized as a driver of the innovative thinking needed to solve our world's most pressing problems and as one of the best methods to understand past, present, and future societies.

The Township of Union Public School District is excited to offer a *Visual/Creative Arts and Performance (VCAP) Pathway* program of study for our high school students. The purpose of the VCAP Pathway is to provide our students with a solid foundation in the core arts subjects (i.e. writing, speaking, creative thinking, music, dance, etc.). Choosing this pathway will better prepare our students to adapt and thrive in an ever-changing world through the use of their creative nature.

Potential careers in VCAP include:

- Journalist
- Artist
- Actor/Actress
- Dancer
- Art Director
- Musician/Conductor
- Graphic Design/Animation
- Author
- Public Speaker
- Photographer