



# L&N STEM ACADEMY

## Academies & Pathway Choices

### Freshman Academy

Freshman Academy is the **first step** in the 865 Academies initiative. It aims to create a **close-knit community** for students to **ease the transition** from middle to high school and **prepare them** for advanced classes, industry certifications, and college courses.

Students will be introduced to **local industries**, participate in **college & career fairs**, and complete **career exploration** activities. These experiences combined with the Freshman Seminar assessment help students identify their skills, abilities, and interests and guide the academy and pathway decisions they'll follow through graduation.

### School of Advanced Inquiry & Research

Advanced Bio-Chemistry  
Advanced Bio-Medical

Advanced Inquiry & Research  
Advanced STEM Applications

### School of Computational Science and Cybersecurity

AP Capstone Diploma in Computational  
Science & Cybersecurity  
Advanced Data Science & Computer Science

Coding & Data Science  
Cybersecurity

### School of Design Thinking

Advanced Design Thinking  
Advanced STEM Applications

AP Capstone Diploma in Design Thinking  
Digital Arts & Design

### School of Physics, Mechanics, and Engineering

Advanced Engineering  
Advanced Physics & Mechanics  
Engineering

AP Capstone Diploma in Physics, Mechanics,  
& Engineering  
Technology