

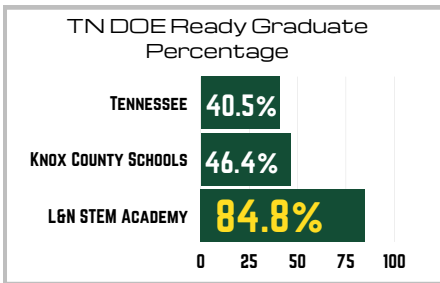
L&N STEM ACADEMY

401 Henley St. Knoxville, TN 37902



2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022

- #1 in Knoxville, TN Metro Area Rankings
- #1 in Knox County High Schools
- #1 Knox County Avg. ACT score



Colleges & Universities Accepted/Attended by L&N STEM Graduates for Undergraduate Programs

- Massachusetts Institute of Technology
- Harvard University
- Princeton University
- Columbia University
- Yale University
- University of California-Berkley
- Cornell University
- Dartmouth College
- Brown University
- University of Chicago
- Clemson University
- Duke University
- Emory University
- George Washington University
- Georgetown University
- Georgia Tech University
- Northwestern University
- Ohio State University
- Stanford University
- University of Georgia
- University of Tennessee
- University of Virginia
- Vanderbilt University
- and more

Additional Honors Earned By Recent L&N STEM Academy Graduates:

- U.S. Presidential Scholar
- National Merit Scholars
- Gates Scholars

Grading Scale (beginning 22-23)

- A 90-100
- B 80-89
- C 70-79
- D 60-69
- F < 60

Administration

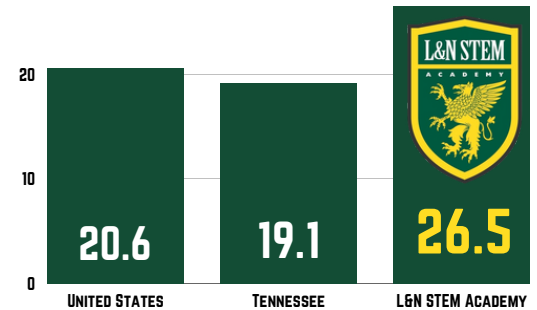
- Jimm Allen - Executive Principal**
james.allen@knoxschools.org
- Steve York - Assistant Principal**
steven.york@knoxschools.org
- Dr. Shannon Siebe - Assistant Principal**
shannon.siebe@knoxschools.org

Counseling

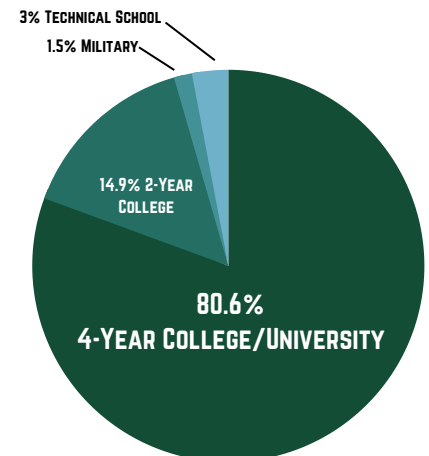
- Dr. Debbie Bretscher - College & Career**
debbie.bretscher@knoxschools.org
- Kelly Nash - 9th & 10th Grade**
kelly.nash@knoxschools.org
- Lori Morrell - 11th & 12th Grade**
lori.morrell@knoxschools.org



2021 Test Data - Avg. Composite Score



Student Matriculation to Post-Secondary Institutions



Our Mission

The world needs problem solvers. Our belief is that we are tasked to supply the world with these problem solvers with a STEM education through the practice of the Design Thinking process and a foundation in our STEM Habits of Professionalism, Critical Thinking, Collaboration, Innovation, Inquiry, and Design.

Culture Of Learning

The L&N STEM Academy offers a robust set of courses including 29 AP offerings as well as a complete set of rigorous Pre-AP courses all students take in Math, English, Science, Social Sciences, and the Arts. Student performance on national assessments earned the L&N status as one of *U.S. News & World Report's Top High Schools* over the last 8 years as well as a spot in *Newsweek's top 500 schools for Minority Achievement*. As Knox County School's first stand-alone magnet school, all students have made the decision to leave their zoned schools to be a part of the L&N experience. This phenomenon provides a culture with a focus on learning by all students and faculty members.



Portfolio & Pathways

Students will work with a school counselor and teachers to decide a pathway based on their interests, and will build their portfolio that is compiled throughout their entire career at L&N. A few of the requirements for the portfolio include:

- Comprehensive Learning
- Experiential Learning
- Ownership of Learning
- Self Reflection
- Community Service
- Research & Presentation

After 9th grade, students will select one of four unique pathways to pursue throughout their high school career. Though students can take any number of elective course offerings, we focus on these four schools to give students a streamlined focus in their field of interest. Students will choose from being a part of one of these four schools of study:

Unique Curriculum & Opportunities

In addition to Tennessee State and Knox County Schools requirements, all L&N STEM Academy students experience a rigorous curriculum where content integration and STEM Habits are emphasized to promote readiness for learning at any post-secondary level. All students are required to enroll in Computer Science Foundations and STEM I their freshman year.

Design Thinking Process

Students are trained Stanford's design thinking process (d.school). This process helps work through problem solving to come to solutions centered around empathizing with stakeholders to design innovative ideas. All students will be well versed in this throughout their 4 years as this is the cornerstone of our school's learning process.

Empathize - Define - Ideate - Prototype - Test

