



# LINDEN MCKINLEY STEM ACADEMY

**1320 Duxberry Avenue**  
**Columbus, Ohio 43211**  
(Near Northside)

**Phone:** 614-365-5583

**Fax:** 614-365-6968

**Website:** <http://lindenmckinleystemacademy.ccssoh.us/>

**Goal:** Pursuit of an Academic Focus

**Vision:** Students Demonstrate Learning Through Presentation, Creation, and Action

**School Colors** - Maroon and White

**School Mascot** - Panther

*"To create a rigorous learning community that supports, challenges and empowers students to succeed in the 21st century."*

## **Did You Know at Linden McKinley.....**

- Students learn through inquiry-based and Project-based instructional strategies, utilizing the STEM design cycle
- STEM stands for: Science, Technology, Engineering and Mathematics
- We offer advanced course work in Advanced Placement class in Math, History, English and Science
- Students are expected to be able to tell someone what they have learned and be able to demonstrate that learning
- Students are expected to participate in Extended Learning Time outside of school and do a minimum of 15 minutes of work per class
- Linden McKinley offers Credentialed Pathways toward graduation in Construction and Agriculture
- The Credentialed Pathways are supported by elective options beginning in 7<sup>th</sup> grade preparing students for the academic rigor of high school
- Grade level STEM elective options are provided to prepare student for relevant Industry skills
- Each of the four feeder schools works with LMSA to infuse their curriculum with STEM instructional strategies to close the gap on achievement
- Our City Year program provides extra instructional time for students to meet the rigorous demands of Common Core Educational Partnerships include; Columbus Crew/Honda Acura, St. Stephens Community House, Communities in Schools, City Year, Ohio Department of Transportation, Columbus Rotary, Columbus State Community College, Education Service Center of Central Ohio, and GetCr8v.
- BE THE ONE is an elective program addressing students' fundamental SEL needs. This is a program where students are given the tools to combat the negative impacts of debilitating childhood traumas within a safe space. BE THE ONE is a program that serves the community both inside and outside of Linden McKinley and creates a ripple effect of kindness, consideration and inclusion. This program is centered around 5 key intervention areas:
  - Allowing oneself to get close to others
  - Learning to take care of one's own physical and emotional needs.
  - Getting honest about recognizing defense mechanisms.
  - Acting unafraid.
  - Allowing for extension to others and being supported

*Why STEM education?* STEM education develops students' critical thinking skills and provides hands-on learning opportunities for students to explore subjects in ways they may not have had the opportunity in the past. By implementing STEM education in LMSA and its Feeder schools, students of all genders and backgrounds have the opportunity to discover a passion for a subject they might not have otherwise.

**Student Life:** Leadership skills are developed through extra-curricular activities available both during and after the school day: Student Ambassadors, Senior Student Council, Panther Prep, National Honor Society, Chess Club, STEM Robotics Club, athletics, cheerleading, drill team, and marching band.

Parent and Community Engagement: Brings educators, parents, agency providers, and community members together in a collaborative effort, for continuous school improvement. We also offer initiatives like, Site Based Council, Service above Self in partnership with Columbus Rotary, Ronald McDonald House, and several other partnerships and initiatives.