



# Columbus Academy

Ready to thrive.

4300 Cherry Bottom Road, Gahanna, Ohio 43230 · [columbusacademy.org](http://columbusacademy.org)

## MS Science, Robotics & Electronics Teacher

Start date: August 2024 · Apply online at [columbusacademy.org/apply](http://columbusacademy.org/apply)

### About Columbus Academy

Recognized as a premier independent school in the nation, Columbus Academy has, since its founding in 1911, exemplified the country day school educational model. The heart of this model is the idea that the best interests of children are served when home and school work together.

At Columbus Academy, parents are integral members of our community. In our welcoming school, fully dedicated to the development of young scholars, athletes and artists of every kind, parents find what they are looking for: The school to trust with childhood.

We believe that [diversity, inclusion, equity and justice](#) are essential measures of our excellence. Our goal is not to mold young minds but to light them on fire.

[Visit us](#) and you will see this in [the way we teach](#) and the way [our 231-acre campus](#) is designed — the light, the energy and the interconnectedness of our mindfully designed learning spaces that allow for children to gaze out to the open sky.



### Our Mission

Columbus Academy – an independent, coeducational college preparatory school – enriches its academic tradition of excellence by valuing a broad diversity of students as it seeks to develop the complete person: mind, body and character. The school rewards rigorous effort and accomplishment, fosters compassion, respect and moral courage, and insists on integrity, fair play and community service. Academy strives to develop and sustain a community of thoughtful, responsible, capable and confident citizens eager to engage in a pluralistic and ever-changing world.

### At a Glance

Founded: 1911  
Enrollment: 1,165 students  
Ages: 3YO-Grade 12  
Students of Color: 48%  
Total Tuition Assistance: \$4.1M

### Quality of Life in Columbus

Columbus is the 14th largest city in the United States with a population of 879,170. The city is perfect for active lifestyles, having invested \$20 million to develop a growing system of bike and fitness trails that connect the suburbs and river trails to downtown's \$44 million riverfront park system restoration. Columbus is gaining nationwide recognition for its historic neighborhoods, booming downtown arts and sporting districts, open attitude and a noticeably affordable quality of life. Check out our [Guide to Columbus!](#)



## Position Description

Columbus Academy seeks candidates for a full-time Middle School Science, Robotics and Electronics Teacher.

The individual selected for this position will be expected to carry out the following responsibilities:

- Teach three to five sections of middle school science (content may include biology, chemistry, astronomy, etc.)
- Teach an elective course investigating electricity to build circuits and remotely controlled vehicles; using microcontrollers to power LED lights and servos
- Guide students through larger projects focusing on the automation of objects and the fundamentals of Lego, VEX and Sphero robotics to solve real world problems
- Assume a limited share of supervisory responsibilities expected of all middle school faculty members
- Serve as a student grade-level advisor to roughly 10 students; prepared to learn and implement middle school advisory curriculum
- Collaborate with departmental colleagues on curriculum design and development
- Provide periodic updates to parents about student progress, via both written reports and in-person conferences
- Make use of technological resources, including the school's online learning management site for classes and integration of iPads and laptops in classroom activities
- Hold students accountable for the school's standards of behavior
- Work with others in the school community to support each student's emotional well-being

## Qualifications

Preferred candidates will possess the following qualifications:

- Bachelor's degree or higher in science
- Experience teaching laboratory-based science in elementary, middle or high school
- A reflective practitioner, committed to a continuous process of self-improvement and lifelong learning
- Leadership qualities to inspire and motivate students
- A passion to teach and attend to the specific needs of middle school-aged children

## Physical Conditions

Candidates must be able to manage the following conditions:

- Classroom environment
- Mobility around school buildings and on different floors (handicap accessible)
- Repetitive motion (use of a keyboard)
- Periodic need to move light furniture, hang visuals in classroom, carry objects (no more than 40 pounds), etc.
- A non-smoking campus

Columbus Academy believes strongly in the principles of diversity, equity, inclusion and belonging. We strive to foster a diverse campus community, which recognizes the value of all persons regardless of religion, race, ethnicity, gender, sexual orientation, disability or socioeconomic background.

Legal requirements: All Columbus Academy employees must pass required criminal records checks. Where appropriate, individuals will also be required to provide proof of academic credentials.

