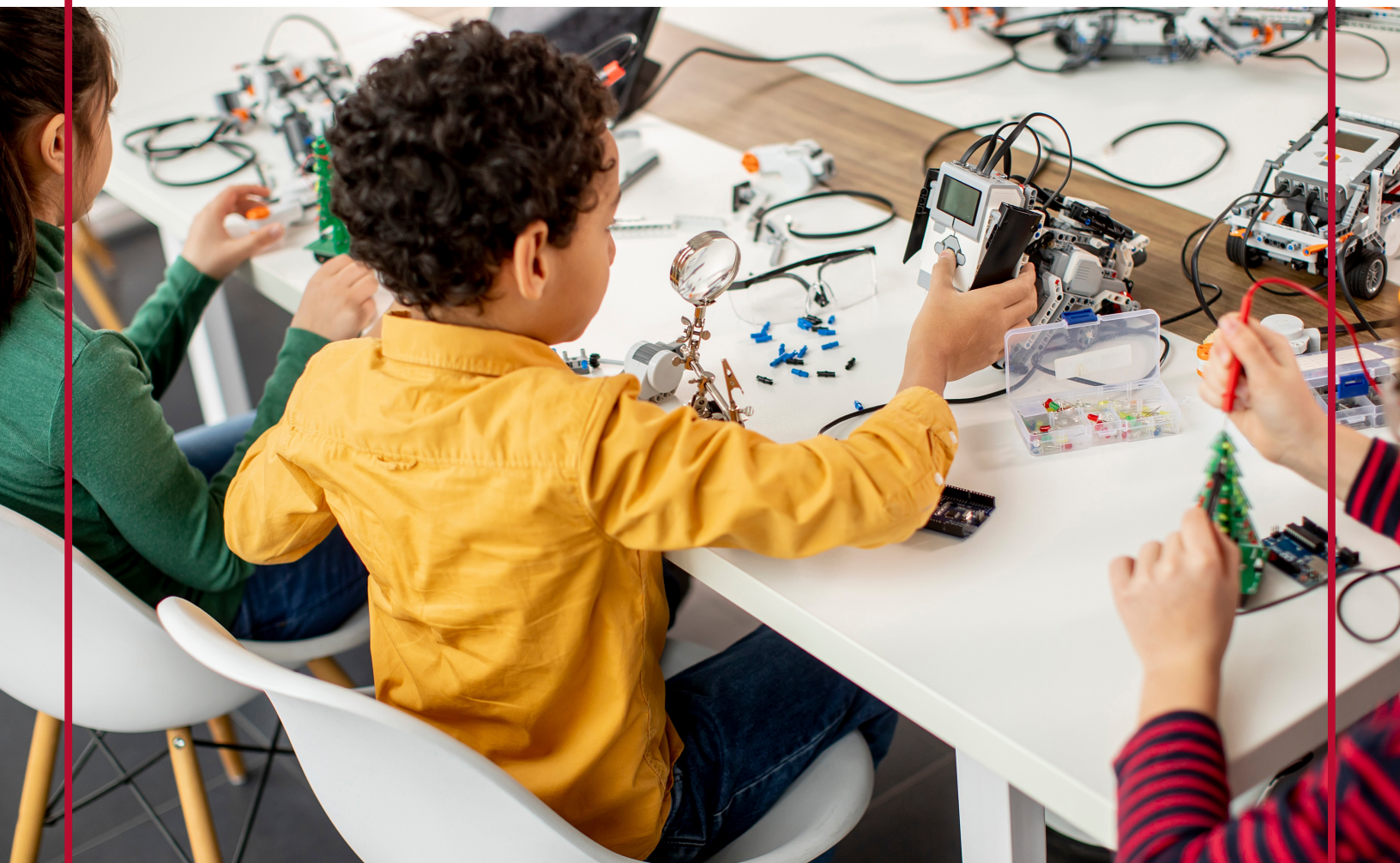


# Extension AfterSchool In Stark County



THE OHIO STATE  
UNIVERSITY

EXTENSION



Through Extension Afterschool we are partnering with afterschool providers to deliver high quality programming and support your staff with curriculum and training. Engage your students with lessons like Robotics, Coding, or Healthy Living.

*For more information visit [stark.osu.edu](http://stark.osu.edu) or email [slovisky.1@osu.edu](mailto:slovisky.1@osu.edu)*

# Extension AfterSchool In Stark County

OSU Extension is partnering with afterschool providers to deliver high quality programming and support your staff with curriculum and training. Engage your students with a week of hands on lessons using supplies prepared with your Extension Educator.

## *Elementary/Middle School Programs*

### **Clovers Code with Sphero**

Using Sphero's educational tools, students gain hands-on coding experience through play based learning and exploration. Once students are familiar with coding through Sphero they can complete obstacle courses, play soccer, or create battle bots.

### **Rockets Away!**

Students will use scientific inquiry to experience the basics of force, motion, and gravity. Each day is a different experiment that will build towards a rocket launch at the end of the week. This project is best completed when we are able to launch outdoors.

### **Hands on STEM**

These lessons will allow your students to be curious, creative, and collaborate with each other. These hands on lessons will feel like games racing against other teams to build boats, design bridges, or complete a circuit.

### **Superhero You**

In this unit students will investigate themselves and identify what makes them unique. These lessons will create a space for staff to have conversations to get to know their students in a new way.



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## *Middle/High School Programs*

### **Coding - Spheros to Drones**

Using Sphero's educational tools, students gain hands-on coding experience through play based learning and exploration. Students will complete design challenges with Sphero and take to the skies to code a delivery with drones.

### **Rockets Away!**

Students will use scientific inquiry to experience the basics of force, motion, and gravity. Each day is a different experiment that will build towards a rocket launch at the end of the week. This project is best completed when we are able to launch outdoors.

### **Photography**

These lessons will allow your students to explore photography and video not only as creative outlets but as potential career opportunities. This 4-6 Lesson unit will challenge students and give them hands on experience with professional photo/video equipment.

### **Into the Future with Ag**

This 4 lesson unit will familiarize students with some unexpected careers in agriculture. Students will get hands on experience learning about autonomous vehicles used to plant fields as well as drones used for imaging and spraying in fields.