

# Sphero CSF 8 ~ Rotation Course

School Year: 2023 - 2024

In the Sphero: Computer Science Foundations course, students will learn about programming basics. Students will use block-based languages on the Sphero EDU platform with the Sphero robot (BOLT). Foster creativity and problem-solving skills by engaging in collaborative projects, building interactive games, and developing algorithmic thinking.

By the end of this course, students will be able to:

- Use loops & conditionals within a program
- Be able to use basic comparators & operators in their conditionals
- Use and manipulate all Sphero sensors to meet appropriate purposes in their programs
- Explain how variables are used in a program

The Sphero BOLTs and iPads are provided to each student, and will be used in the classroom. The devices must be used properly and handled with care. As a reminder, students are responsible for taking proper care of school property.

I, \_\_\_\_\_, understand that the robots and  
(print name)

iPads are property of Burgettstown Area School District, and that I will need to take proper care of the devices.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_