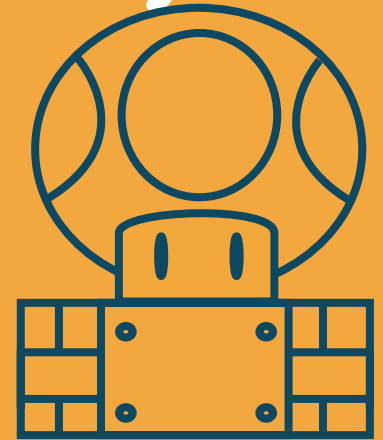


# Ozorobotics & Ozoblockly

## Visual Programming 2



**AGES 5 - 7 | 1 WEEK | Monday - Friday: 9-3:30**

### Location

Vienna, VA - The Lab

**\$499** | Bring your own Snacks

Our Ozobot Bit Robot summer camp gives your child the power to fully control the Ozobot's movement and behavior. In just 1 week, participants learn the principles of engineering while bolstering their computational thinking skills.

Every day of camp, participants will use Google's Blockly, OzoBlockly, which offers five modes from Pre-Reader with icon-based blocks to Master with support for many low-level functions and advanced programming concepts. Ozorobotics teaches participants how to program a robot, while challenging their creativity and critical thinking skills at every turn.

### main topics

- ✓ Visual Programming Fundamentals
- ✓ Color coding tips and calibration
- ✓ Ozobot expedition and mapping
- ✓ Color Sensing

### projects

- ✓ Customizing color paths
- ✓ Creating color codes that navigates a maze
- ✓ Developing an extensive color code sequence
- ✓ Tour De Ozobot challenge
- ✓ Mission to mars challenge



# Ozobotics and Ozoblockly

## Visual Programming 2

### camp overview

<b>Color Coding</b>	Students customize Ozobot behavior and learn how to have them track a predefined path.
<b>Advanced Programming</b>	Students learn how to use algorithms and visual programming to navigate a course.
<b>Final Project</b>	Students create Ozobot with multiple code sequence in visual programming using Ozoblockly.
<b>Graduation Ceremony</b>	

### Contact Us

[info@generationcode.com](mailto:info@generationcode.com)  
(866) 407-2345

### Location

**The Vienna Lab**  
Ayr Hill Court, 112 Church St NW  
Vienna, VA 22180

**M-F 09:00 am - 03:30 pm**

**What to bring:** Lunch (unrefrigerated)

### daily schedule

- 09:00 AM** | Intro + Kickstart Activity
- 09:30 AM** | Explain and Explore
- 10:00 AM** | Engagement Activity
- 12:00 PM** | Lunch
- 12:30 PM** | Project Time
- 02:00 PM** | Paired Programming + Presentations
- 03:00 PM** | Wrap-Up Activity
- 03:30 PM** | Dismissal