



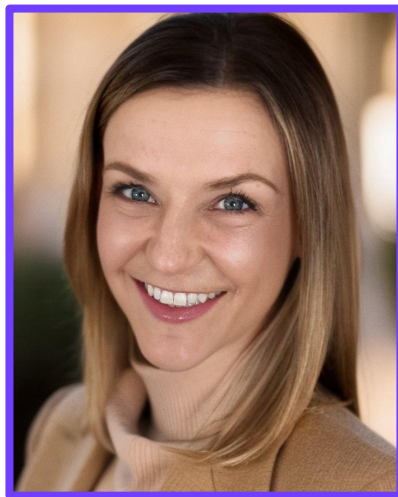
Intro to Ozobot Blockly Portfolio

Intro to Color Codes Portfolio

March 25, 2024



Introductions



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Ozobot Classroom

- Free account for teachers
- 600+ free lessons (many with video instruction)
- Lessons include printable activity sheets and teacher instructions
- All subjects: CS, math, ELA, Science and more

classroom.ozobot.com



The screenshot displays the Ozobot Classroom website interface. At the top, there is a navigation bar with the Ozobot Classroom logo, a search bar, and links for Dashboard, Lessons, Devices, and Help. Below the navigation bar, there are icons for Ozobot Blockly, Color Codes, STEAM Kit, and Lettuce Grow. The main content area shows a search filter for 'Grade' and 'Subject', and a search button. Below the search bar, there is a section for 'Featured Lessons' with a 'Clear All Filters' link. The featured lessons are displayed in a grid, each with a title, a brief description, and a 'View More' link. The lessons include:

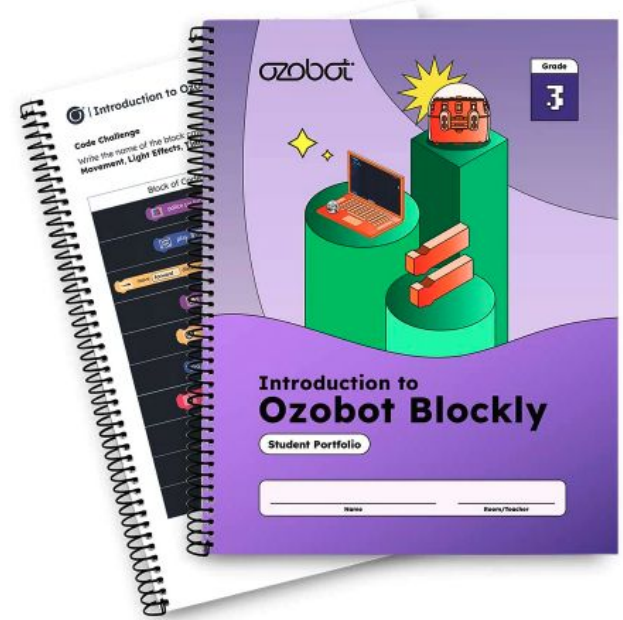
- Ozobot The Easter Bunny Hop** (3-5, Computer Science, Engineering/Tech, 37 likes)
- Ozobot Girls Innovating Change** (2-6, Science, Social Studies, Computer Science, 16 likes)
- Ozobot Who Can Find the Pot of Gold?** (3-5, Computer Science, Engineering/Tech, 46 likes)
- Ozobot Easter Egg Hunt** (K-2, Computer Science, Art, Engineering/Te..., 52 likes)

Below the featured lessons, there are two sections: 'Introduction to Color Codes' and 'Introduction to Blockly'. Each section contains a grid of lessons with titles, descriptions, and 'View More' links. The lessons include:

- Introduction to Color Codes 01: Basic Training** (K-12, Computer Science, 1867 likes)
- Introduction to Color Codes 04: Direction** (K-12, Computer Science, 977 likes)
- Introduction to Color Codes 05: Skills Check 1 (Grades 3-5)** (3-5, Computer Science, 660 likes)
- Introduction to Color Codes 05: Skills Check 1 (Grades K-2)** (K-2, Computer Science, 540 likes)
- Introduction to Ozobot Blockly 01: Basic Training (Grades 2-12)** (K-12, Computer Science, 931 likes)
- Introduction to Ozobot Blockly 02: Sequences (Grades 2-5)** (K-12, Computer Science, 454 likes)
- Introduction to Ozobot Blockly 02: Sequences (Grades K-1)** (K-1, Computer Science, 111 likes)
- Introduction to Ozobot Blockly 03: Loops (Grades 2-5)** (K-12, Computer Science, 345 likes)

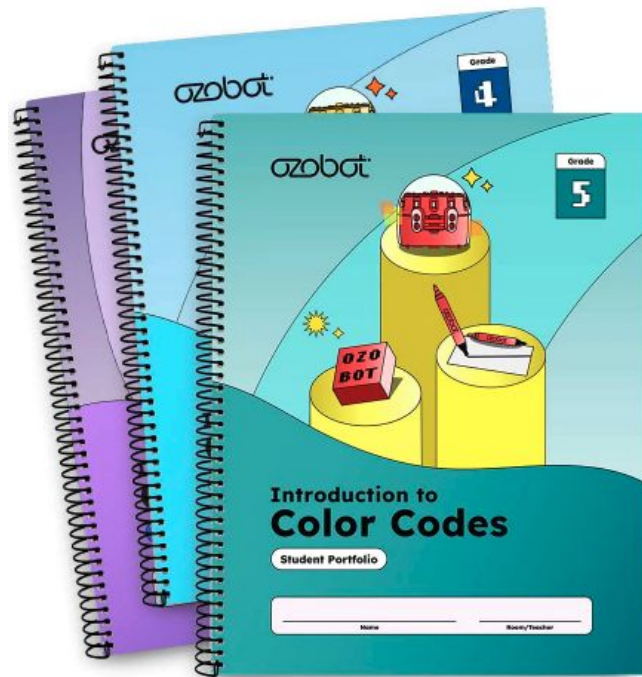
Objective

We will explore the benefits and methods of using the *Intro to Color Codes Portfolio* and *Intro to Ozobot Blockly Portfolio*.

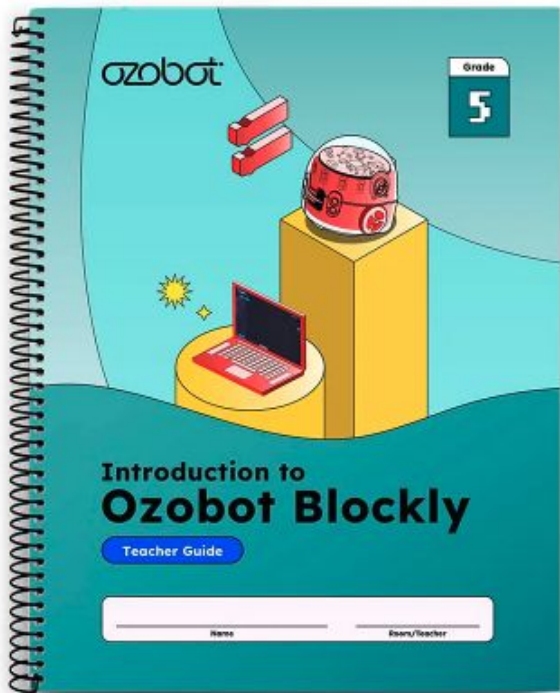


What is it?

Step-by-step introduction to programming that provides a solid foundation for successfully using Ozobot.



Why we made it



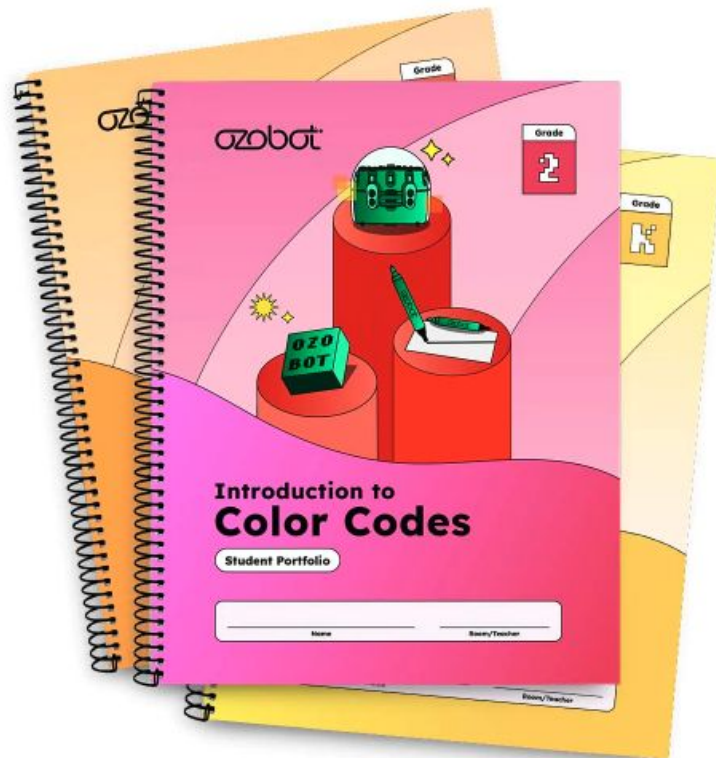
For Teachers

- Eliminates limitations on printing
- Less prep time
- Materials are bound, so no loose activity sheets to keep track of
- Offers a more in-depth study of each topic
- Can be done as a class or individuals can work at their own pace
- Allows curriculum funding to be used
 - (a different funding pool than hardware)

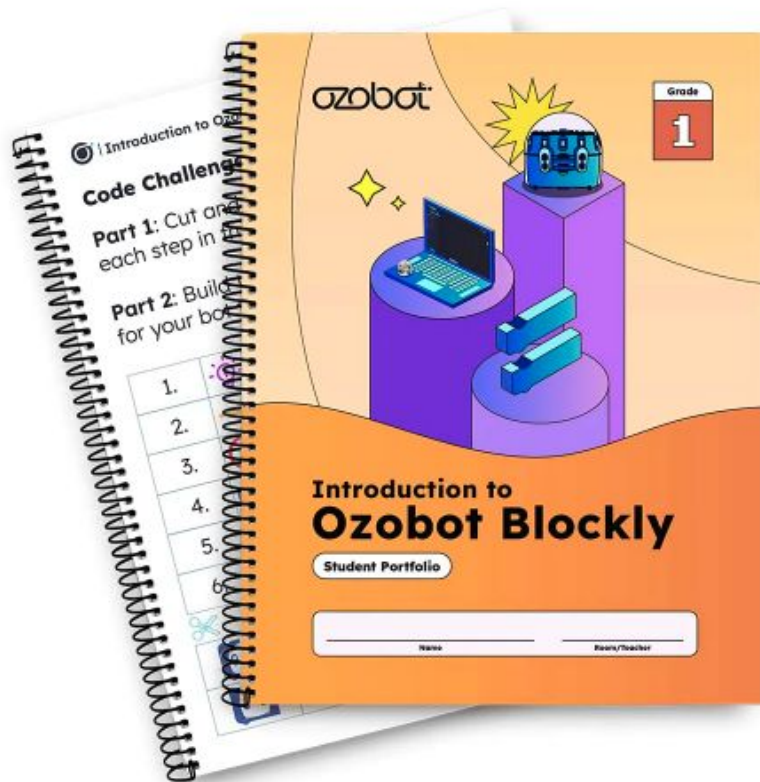
Why we made it

For Students

- Materials are all in one place
- Offers a way for students to showcase their learning
- Students can work at their own pace
- Deeper understanding of each concept
- Encourages students to take ownership of their learning



Why we made it



For Everyone

- Extends lessons beyond the Lesson Library
- Materials exclusive to portfolios
 - (not available in the Lesson Library)
- If working with multiple ages, the concepts are the same, the materials are age-appropriate
- For beginning Ozobot users

Sequence of lessons in Student Portfolio

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| 1. Get to Know Evo | p. 3 |
| 2. Intro to Color Codes 01: Basic Training | p. 6 |
| 3. Intro to Color Codes 02: Speed | p. 13 |
| 4. Intro to Color Codes 03: Special Moves & Win/Exit | p. 21 |
| 5. Intro to Color Codes 04: Direction | p. 31 |
| 6. Intro to Color Codes 05: Skills Check 1 | p. 41 |
| 7. Intro to Color Codes 06: Timers | p. 49 |
| 8. Intro to Color Codes 07: Line Switch | p. 61 |
| 9. Intro to Color Codes 08: Counters | p. 69 |
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| 11. Color Code Chart | p. 89 |

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| 3. Intro to Ozobot Blockly 03: Loops | p. 13 |
| 4. Intro to Ozobot Blockly 04: Debugging | p. 19 |
| 5. Intro to Ozobot Blockly 05: Skills Check 1 | p. 25 |
| 6. Intro to Ozobot Blockly 06: Conditionals | p. 31 |
| 7. Intro to Ozobot Blockly 07: Skills Check 2 | p. 38 |
| 8. Intro to Ozobot Blockly 08: Line Navigation | p. 47 |
| 9. Intro to Ozobot Blockly 09: More Conditionals | p. 56 |

Organization

The Student Portfolio

- ❖ Getting Started
- ❖ Time to Explore (video lesson)
- ❖ Check Your Understanding
- ❖ Debugging Challenge
- ❖ Code Challenge
- ❖ Reflection Time (Blockly only)



Reflection Time

Answer the questions by drawing a picture, writing with words, or discussing it with a friend.

1. What is something new you learned?

2. What block category are you most excited to use and why?

3. What are you wondering about or want to know more about?



The Teacher Guide

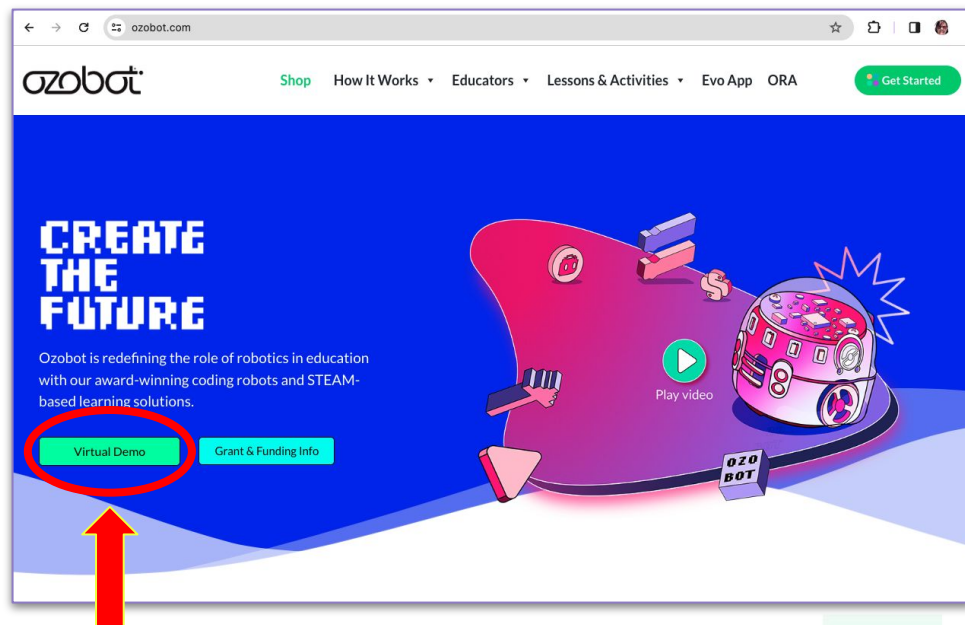
- ❖ Contains possible solutions for all activities
- ❖ Time to Explore includes written instructions
- ❖ Pacing Guides
- ❖ Informational letter to families

Who is it for?

- Developmentally appropriate options for K, 1st, 2nd, 3rd, 4th, and 5th grades
- Pacing allows for a full semester of study in a class that does one hour sessions once a week.
- Teachers who want a whole unit dedicated to Ozobot/coding
- After-school programs can offer self-paced coding with little prep by the facilitator!
- Teachers who use Ozobots multiple times per year and want an efficient way to manage activity sheets

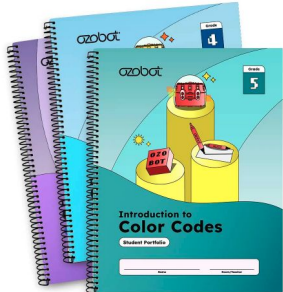
Want more info or ready to order?

Contact your
Account Representative
(request a demo on Ozobot.com)



Want more info or ready to order?

Introduction To Color Codes
Curriculum: Student Portfolios (12 Pack)



\$179.88
SKU: CCOKH01-C In stock

☆☆☆☆
Buy in monthly payments with Affirm on orders over \$50. Learn more

Take your students' introduction to robotics to the next level with Ozobot Portfolios.

Ozobot portfolios provide a cohesive sequence of learning
[Read more v](#)

Grade: Kindergarten
Quantity: 1


ADD TO CART

Share the love [f](#) [t](#) [p](#)

- Available on the Ozobot web store
- Student Portfolios sold in packs of 12 for \$179.88
- Teacher's Guide sold separately

- Use **OZOWEB20** to receive 20% off all Portfolios on shop.ozobot.com through 3/31/24

Upcoming Webinars

- April 29, 2024
 - The Future is Bright With Our Color Code Guide! 
The most up-to-date guidelines for successfully using Color Codes.
- May 20, 2024
 - Following the Lines of Innovation All Summer Long!

What we're working on

- **Blockly Builders Lesson Series**
 - Series of lessons specifically to help students grow their understanding of Ozobot Blockly.
- **Updated Pacing Guides**
 - Updated with the latest and greatest lessons for each grade level.
- **Challenge Mats**
 - Printed neoprene mats that include activity cards and lessons specific to each theme: Mars, Ocean, Basketball, and Soccer

Questions



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