Direct Instruction Summary
Intro to Color Codes 05: Skills Check 1 (Gr 3-5)

1. Introduction
Students need both Activity Sheets: the story and the maze. Read one event at a time and use the Color Codes Key to fill in the missing Color Codes.

2. Read the First Event and Determine the Missing Color Codes
First event: *Ozobot was hungry, so it went to the kitchen and gobbled down some cookies.* The first code will program the bot to move toward the cookies, Left at Intersection. The second code will simulate gobbling cookies, and is a special move. Spin or Tornado will work here.

3. Read the Second Event and Determine the Missing Color Codes
Second event: *After eating the cookies, Ozobot was thirsty. It got a refreshing drink of milk.* The third code is Left at Intersection. Fourth is U-Turn, fifth is Straight at Intersection.

Note that after the bot turns left at the intersection, it will travel over the Straight at Intersection before coming to the U-Turn. Since the bot is reading the code backward, it will not recognize it as a code, but just colors on a line. After the U-Turn, it will read the code going the correct direction to program it to go straight.

4. Read the Third Event and Determine the Missing Color Codes
Third event: *Then, Ozobot heard its favorite song playing in the living room. It couldn't help but dance and started to backwalk.* The next code has 4 color spaces, it is Backwalk.

5. Complete the Maze on Your Own
Read the next event. Then, find the missing Color Code to move Ozobot to the correct object. If there are four boxes, a Special Move Color Code is missing.

6. Check Your Color Codes and Run Your Bot
Color Code 7: Right at Intersection
Color Code 8: Left at Intersection
Color Code 9: Zigzag
Color Code 10: Nitro Boost
Color Code 11: Any Special Move
Color Code 12: Straight at Intersection
Color Code 13: Win/Exit (Play Again)

7. Lesson Wrap-Up

Have students explain to a partner, in writing, or in a group discussion:

1. the Color Codes they used and why

2. a problem they encountered and how they attempted to solve it

3. how their bot behaved based on the Color Codes used and if the bot demonstrated the correct outcome