

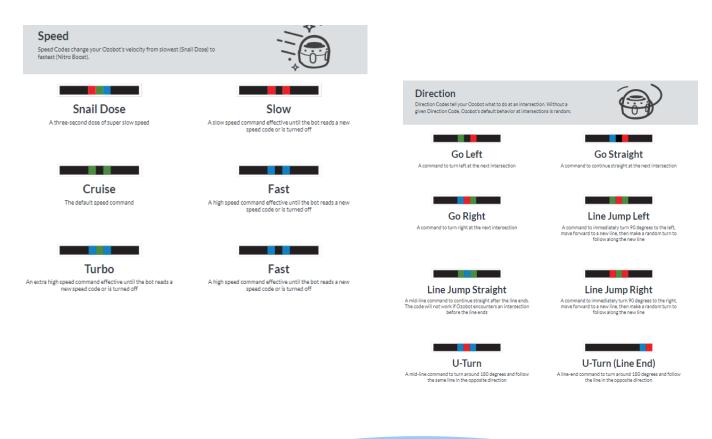


WOW! on Wheels – STEM Labs THE OVERALL OF OZOBOTS

Ozobots are small robots that use sensors to identify lines, and colors codes, drawn by the student.

As the Ozobot comes across a sequence of colors, it interprets the colors, and does what that block of color series translates to. For example, if the Ozobot sees a sequence of certain colors, it interprets the directional code and will turn the direction the student has mapped out. As it moves across a different sequence, it will read the speed code, and speed up or slow down. After your students master screen-free coding, they can begin to code online with Ozobot Blockly.





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- Color Codes are short sequences of color that allow you to start coding completely screen-free!
- Color Codes are used to teach basic coding concepts, from cause-and-effect to debugging.
- They are recommended for anyone new to coding-teachers and students alikeand can be ideal for grades K-5.

A few tips:

- Lines and Color Codes should be drawn on plain white paper with black, blue, red, and green markers.
 - You don't need a specific brand of marker, but you may want ones with a chisel tip.
 - Ozobot has its own marker. Classic Crayola and Sharpies work well too.
 - For Sharpie markers, use the pastel shades of blue and green.
 - Crayons and colored pencils are not recommended.
 - We do not recommend the use of dry erase markers with Ozobots. Their ink can end up inside the bot's internal motor.
- Ozobots must be used indoors on a clean, flat surface.
 - Evo and Bit rely on optical sensors to read Color Codes. Their optical sensors will not function outdoors in bright sunlight.

https://ozobot.com https://ozobot.com/support/faq