

Speed Kit Lesson 1

Fast and Slow - Opposites

Name: _____

Date: _____

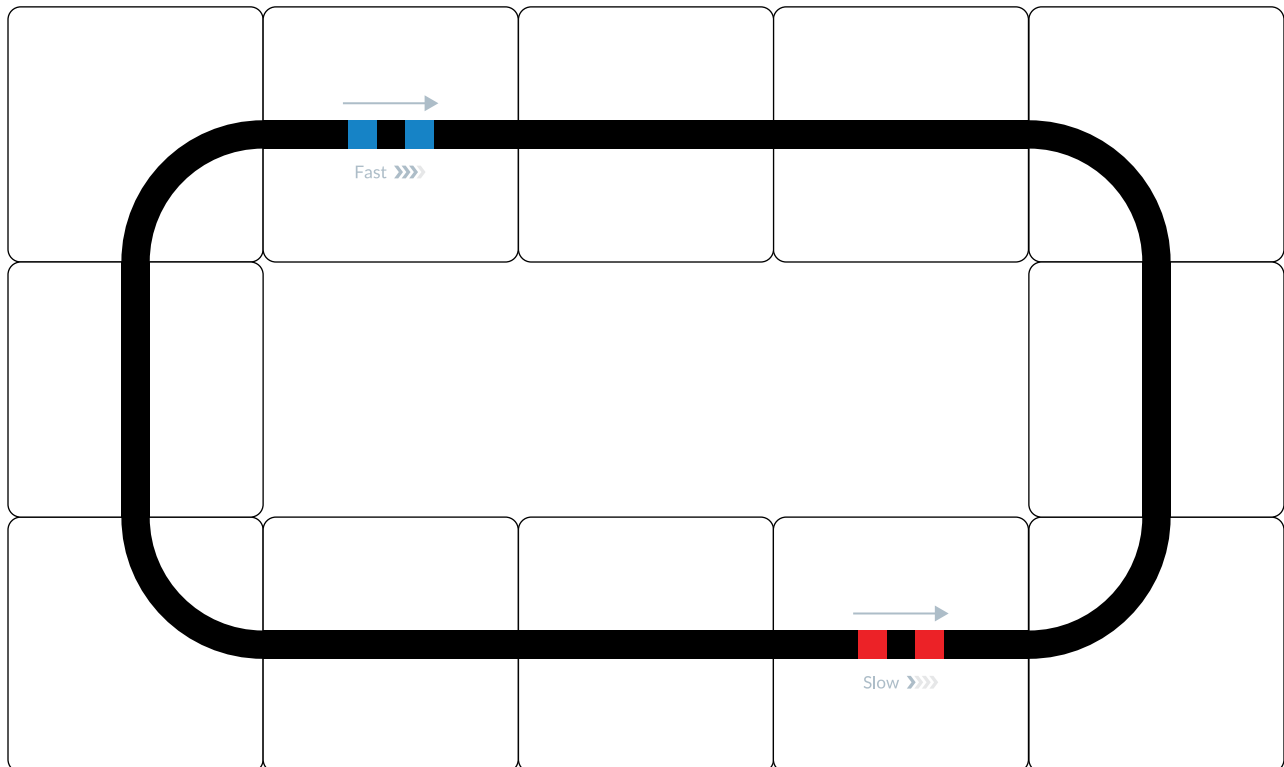
What are some things that are opposites?

Practice performing opposite actions, saying opposite words, or listing some things that are opposites. Examples are: reach up high, then crouch down low, reach arms wide then hold arms to sides in a narrow shape, touch your head which is the opposite of your feet (touch your toes), wiggle hands slow then fast.

Introduce Speed Color Codes

We can program Ozobot to go six different speeds. In this lesson, we'll be working with a couple of Speed Codes that are opposites. See if you can spot what they are.

Place the magnets in an oval like a racetrack.



Place Ozobot anywhere on the track and observe what each code programs the bot to do.

Switch the location of the Speed Codes and observe again. Have students wiggle their fingers fast when the bot goes fast and slow when the bot goes slow. Repeat with other movements such as running, dancing, or marching in place, swinging arms, tapping toes, etc.