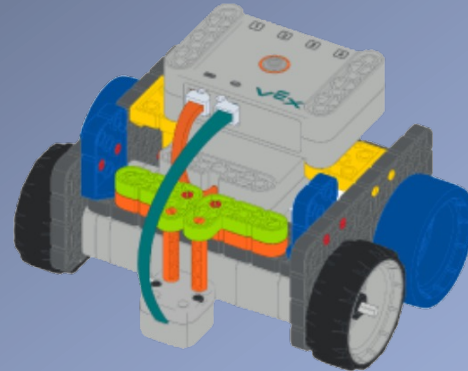


Eye Down Coding



Ruth Patrick Science
Education Center

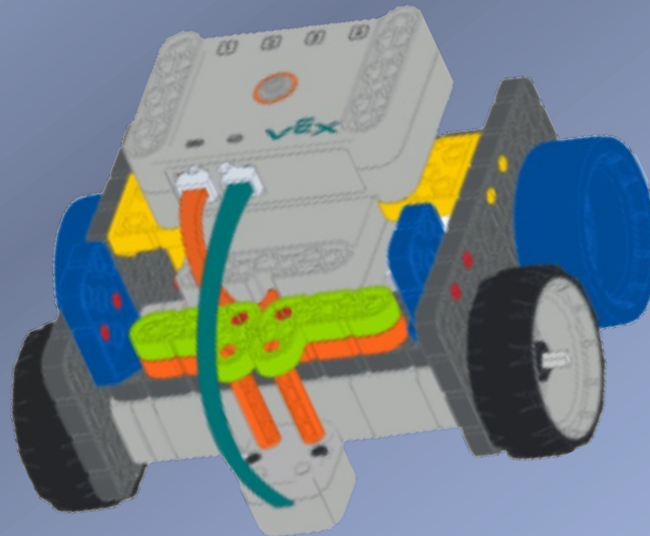
Infusing a love for Science, Technology, Engineering and Math



Create a project where the eye
sensor responds to colors

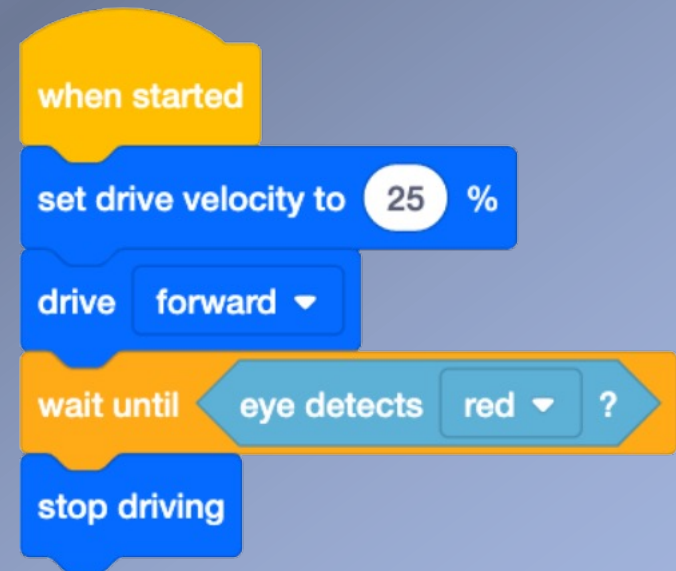
Getting Started

- Begin with the Code Base
- Use the build instructions for the Code Base – Eye Down



Stop at Red – Stop Sign

- Open VexCodeGo app
- Go to **File** and select **New Blocks Project**
- Add Device Code Base
- Add code
- Test code



- Adjust code and observe results

Respond to Colors

- Open VexCodeGo app
- Go to **File** and select **New**
- Add code
- Test code



- Adjust code and observe results

Move Until Dark Line Detected

- Open the “Move Until Dark Line” example project in VEXcode GO.
- Place your Code Base - Eye Down on the GO Field and start the project.
- Change different commands
 - Test
 - observe
- How do these changes affect the movement of the Robot?