Hello everyone!
Turn your microphones off, and you may leave your camera on if you want.

Zoom Names should be written (Name - Team Number)
If you have no team, write "Student"

If you'd like to support,
connect with me on Linkedin! =>

Sandpiper Training Session
Programming Controllers!

10/8/22

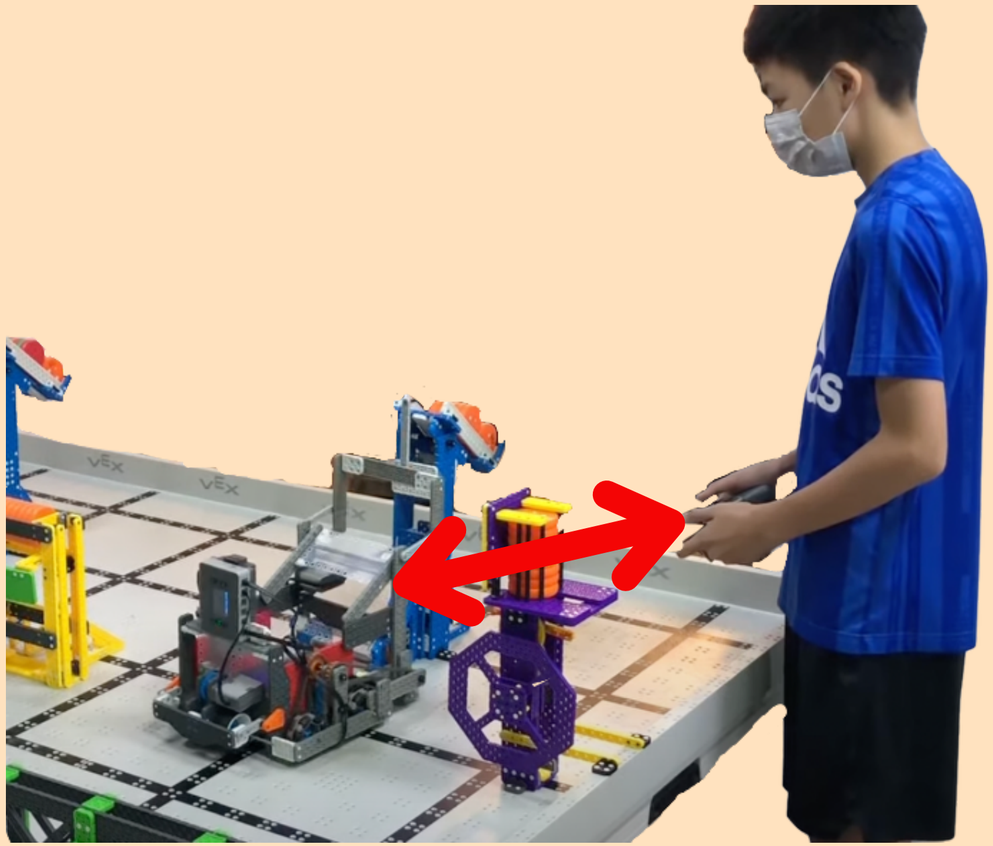
Presented by Rien Gupta, Kevin Li, and Rick Taylor

If you have not already...

Last meeting, we took a look at some stellar drive bases to create and work with your team. Before trying out coding, consider planning out your drive base and if you need any help, take a look at last week's meeting!

Presentation =>

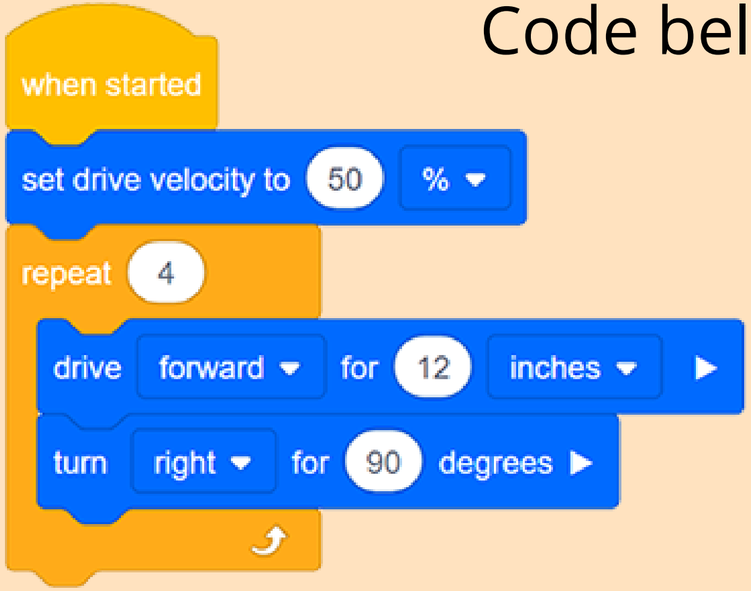
What are TeleOp programs?



TeleOp stands for TeleOperational, or remote operation of a machine from a distance. In robotics, Vex would like for teams to take advantage of TeleOp by using Vex Code and adding functions to your controller! Here's more on Vex Code

What is Vex Code?

VEXcode allows students to get started coding quickly and easily. VEXcode is consistent across Blocks, Python, and C++. VEXcode can be used on a variety of platforms, even on a browser! Look at the QR Code below, or type codeiq.vex.com



Today's topic: Programming

While the basic driver code Vex Offers on the robot pre-installed is useful, your robot can do so much more! From:

1. Automatic functions at a push of a button
2. Multi-button functions
3. Set limits to assembly velocity and maximum point

It's a vital step a lot of teams should never miss out on! Moving over to the software

What you need to program

1. VEXCode
2. A Computer
3. Your Robot with a Vex Brain & controller
4. The right wires (USB-C for 2nd generation brains, Micro USB for older generation brains

2nd generation brain

1st generation brain

Thank You

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