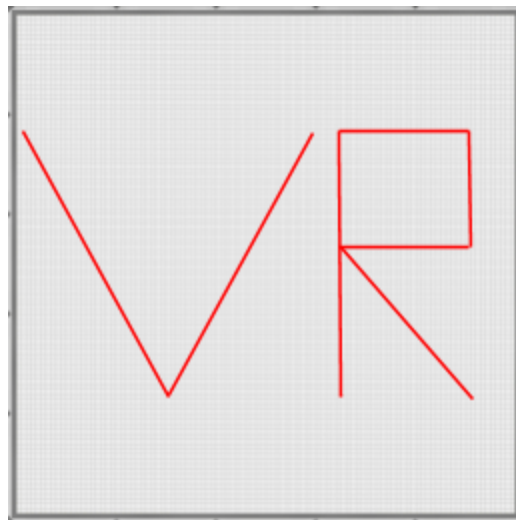




## GISD Robotics Challenge 1

### Draw Your Initials using VEX VR



#### Getting Started:

- 1) Use any laptop, chromebook, or tablet to navigate to <https://vr.vex.com/>
- 2) To familiarize yourself with the program click Tutorials in the upper left corner and watch the 3 videos

#### Challenges: (Use Playground: Art Canvas)

**Grades 1-5:** Create an algorithm for each letter of your initials. Use the Pen on the VR Robot to draw those letters onto the Art Canvas.

**Grades 6-9:** Create an algorithm for each letter of your first name. Use the Pen on the VR Robot to draw those letters onto the Art Canvas.

**Grades 10-12:** Create a project where the VR Robot writes out your first and last name.

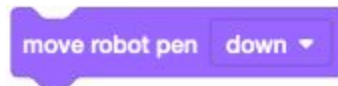
# Submit your completed challenge to GISDroboticschallenge@greenvilleisd.com

## Helpful Hints:

- Each square in the Art Canvas measures 20mm by 20mm.
- Select the Top Camera on the VEXcode VR Dashboard for a better view of the Art Canvas.
- Use the heading tool in the Playground screen for feedback from the robot at all times



- Use the *Set Pen position* block from the Looks category to move the up and down.



- Take a look at Ms. Emerson's example program for inspiration. Just download to your device, go to [vr.vex.com](https://vr.vex.com), then select File -> Load from device

[Ms. Emerson's Example](#)