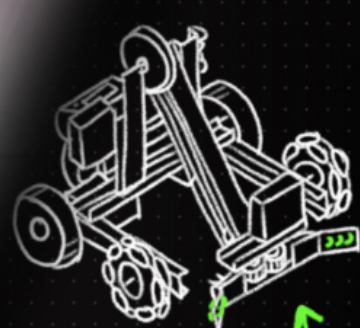


LOVE

TO:

Design



Problem:
~~~~~  
~~~~~  
~~~~~

Design Idea:  
~~~~~  
~~~~~  
~~~~~

Results:
~~~~~  
~~~~~

- Brainstorm solutions to new challenges every year
- Come up with designs that incorporate these solutions
- See your design come to life and compete against other designs

Program

- Learn how to use either line or block code
- Make an autonomous to allow your robot to complete tasks without human interaction
- Work out solutions to any errors in your code

```
usercontrol(void) {  
    while (1) {
```

```
        //Drive Control
```

```
        //Chassis speed Control  
        Controller1.ButtonB.pressed(Chas
```

```
        if(Chassis_Speed_Value==true)  
        {
```

```
            LFDM.spin(vex::directionType:  
            LMDM.spin(vex::directionType::fwd  
            LBDM.spin(vex::directionType::fwd
```

Engineer

- Build a robot that is able to complete tasks in line with a challenge
- Test your build on the field and be able to figure out any problems with it
- Document your process through a notebook



JOIN:

VEX
ROBOTICS
COMPETITION