

Student Name: Andrew, 8111A

Assignment:

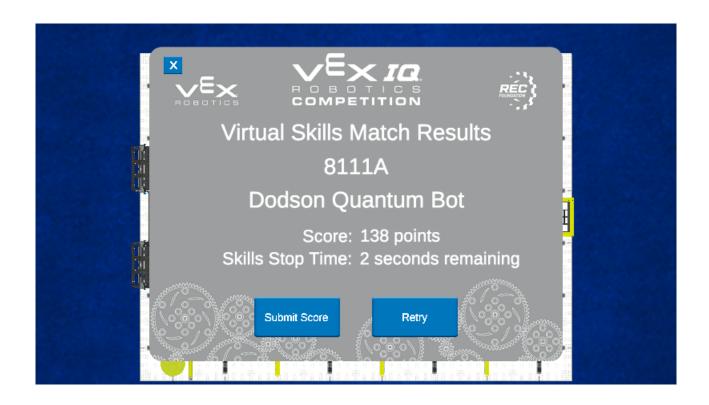
Notes:

Playground: VIQRC 24-25 Rapid Relay

Project Name: VEXcode Project

Project Type: Blocks

Date: Fri Jan 24 2025



```
set drive velocity to 75 %
drive forward ▼ for 400 mm ▼
set turn velocity to 100 %
turn right ▼ for 90 degrees
set drive velocity to 100 %
drive reverse ▼ for 400 mm ▼
spin CatapultGroup ▼ release ▼
wait 0.5 seconds
set CatapultGroup • velocity to 100 % •
drive reverse ▼ for (375) mm ▼
turn left • for 90 degrees
drive forward ▼ for 200 mm ▼
turn right • for 180 degrees
spin IntakeMotor ▼ intake ▼ for 120 degrees ▼ and don't wait
set drive velocity to 50 %
drive forward • for 162 mm •
turn left ▼ for 90 degrees
spin CatapultGroup • release •
   0.1 seconds
set CatapultGroup → velocity to 1000 % →
   0.5 seconds
set drive velocity to 70 %
drive forward ▼ for 500 mm ▼
turn right ▼ for 50 degrees
spin IntakeMotor ▼ intake ▼ for 100 degrees ▼ and don't wait
drive forward ▼ for 93 mm ▼
wait 0.2 seconds
drive reverse ▼ for 87 mm ▼
turn left ▼ for 50 degrees
set drive velocity to 60 %
drive reverse ▼ for 500 mm ▼
  it 0.1 seconds
wait 0.1 seconds
repeat 10000000
 spin CatapultGroup → lower →
     0.5 seconds
 set drive velocity to 70 %
 drive forward • for 500 mm •
 turn right • for 50 degrees
 set IntakeMotor ▼ velocity to 1000 % ▼
 spin IntakeMotor ▼ intake ▼ for 150 degrees ▼ and don't wait
 drive forward ▼ for 100 mm ▼
 drive reverse ▼ for 100 mm ▼
 turn left ▼ for 50 degrees
 set drive velocity to 100 %
 drive reverse ▼ for 500 mm ▼
 spin CatapultGroup ▼ release ▼
  wait 0.5 seconds
```