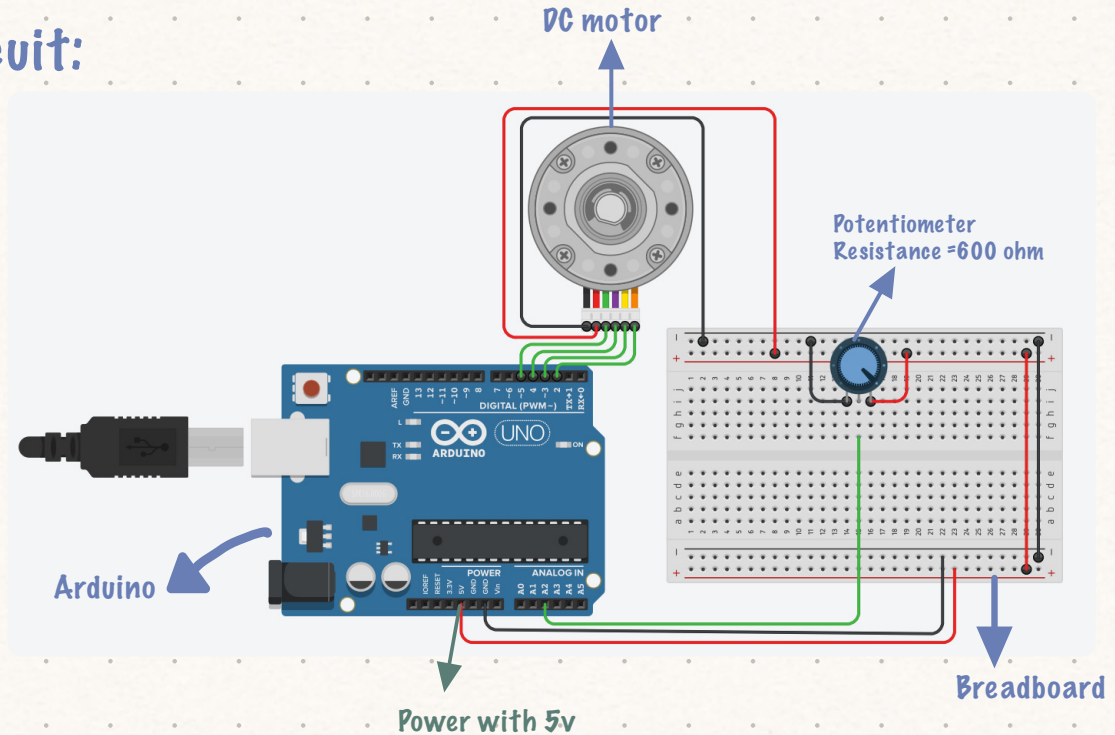


# Stepper motor

## My Circuit:



## Code:

```
1 #include <Stepper.h>
2
3 int stepsPerRevolution = 100;
4
5 Stepper myStepper(stepsPerRevolution, 2, 3, 4, 5);
6
7 void setup()
8 {
9 }
10
11 void loop() {
12     int sensorReading = analogRead(A2);
13     int motorSpeed = map(sensorReading, 0, 25, 50, 100);
14     if (motorSpeed > 0) {
15         myStepper.setSpeed(motorSpeed);
16         myStepper.step(stepsPerRevolution / 15);
17     }
18 }
```