Stepper Motor Control..

**ThinketCard link :**

<https://www.tinkercad.com/things/9aCdzgl7EHS-stepper-motor-control>

**Code :**

#include <Stepper.h>

const int stepsPerRevolution = 200;

// initialize the stepper library :

Stepper myStepper(stepsPerRevolution, 8, 9, 10, 11);

int stepCount = 0;

void setup() {

}

void loop() {

int sensorReading = analogRead(A0);

int motorSpeed = map(sensorReading, 0, 1023, 0, 100);

// chang motor speed:

if (motorSpeed > 0) {

myStepper.setSpeed(motorSpeed);

// revolution:

myStepper.step(stepsPerRevolution / 100);

}

}

**Connection :**

