

# Using Motor Shield to control movement DC Motor

{ Project by

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## Materials Used

- Arduino Uno  
Motor Shield  
Batteries  
DC driven Motors  
LEGO conveyor belt

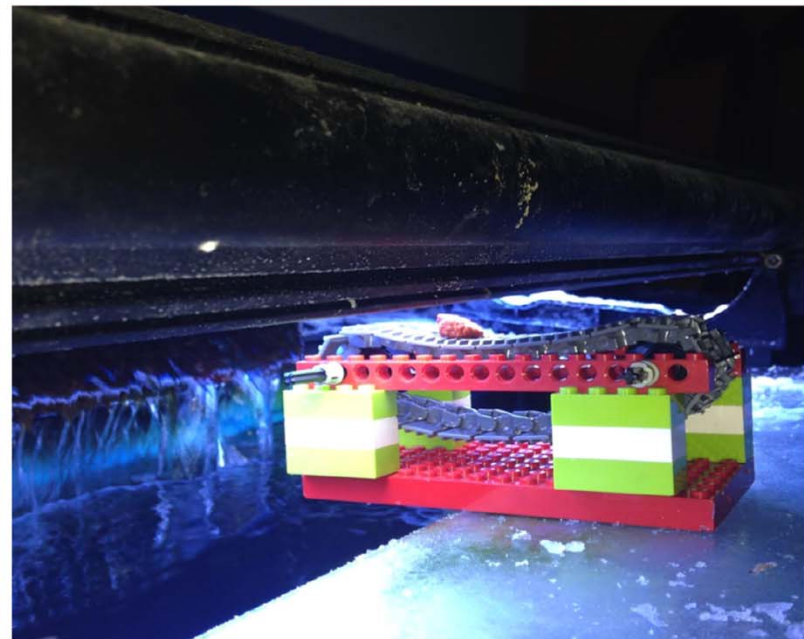
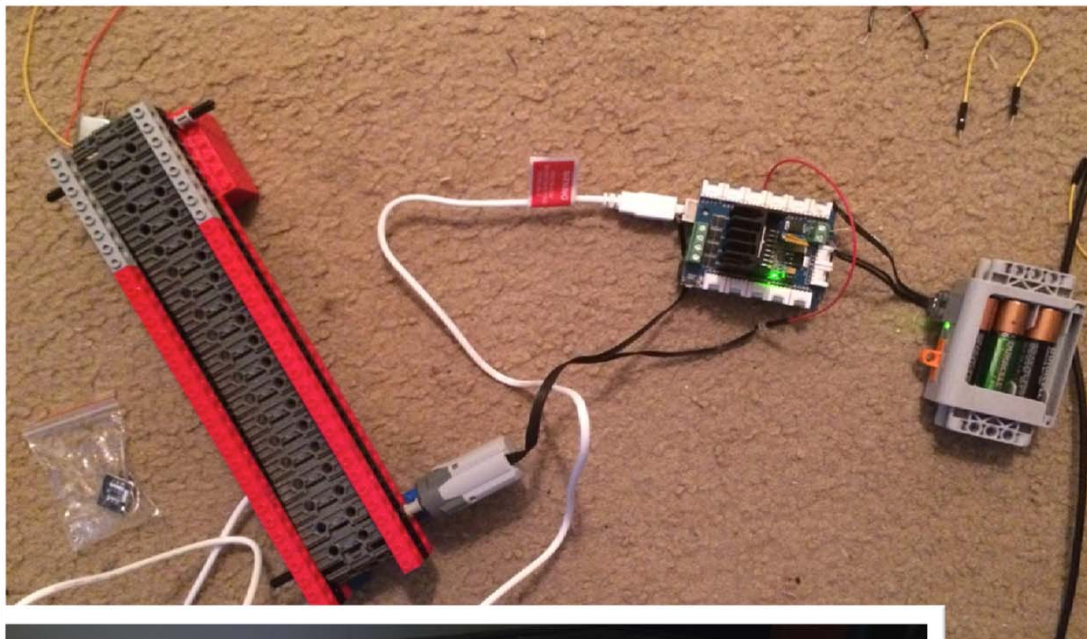
# Objectives

To make the DC motor  
move using Motor Shield

# Motor Shield?!

- >It enables Arduino to drive DC motors
- >It helps to change speed and the direction of motor





# How does it work?

1. External power is supplied to spin motor to required speed
2. Motor shield helps to change the direction by changing the polarity
3. The code sets the time, speed and direction of the motor



## Its application

To make LEGO track move at specified speed for certain time interval so that the food on it can be dropped into aquarium for fishes.

The direction of motors can be changed as well as the speed