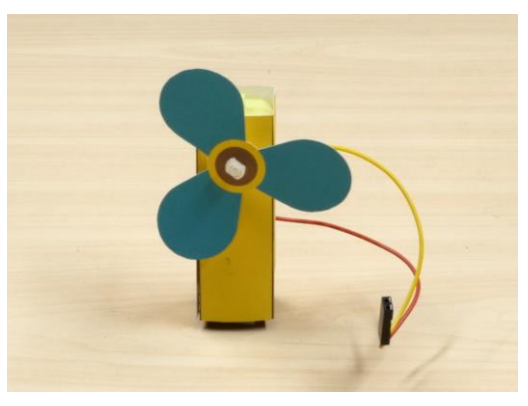


1.3 Mini Fan



In this Activity, First We will understand how DC motor works and then control the movement of a mini man using the dc motor , potentiometer and slide switch of evive.

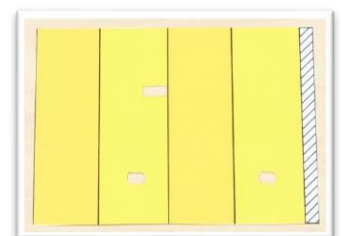
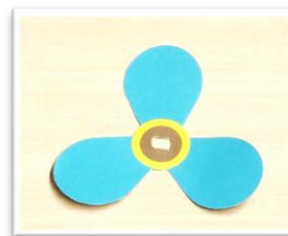
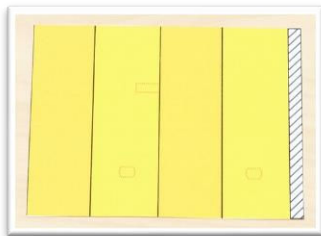
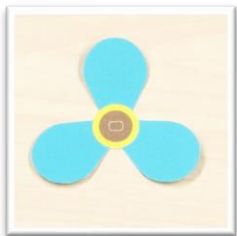
COMPONENTS REQUIRED

evive, Dc motor, Fan's cutout

NAME

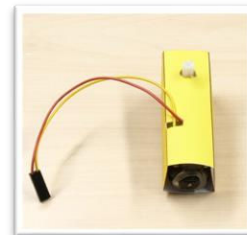
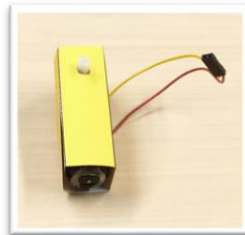
CLASS & SECTION

STEP 1: Cut out Fan's blade and body using a pair of scissors.



STEP 2: Cut and Make the spaces for motor shaft and wires.

STEP 3: Fold the fan's body. Fit a DC motor inside it and Glue the open as shown in figure.



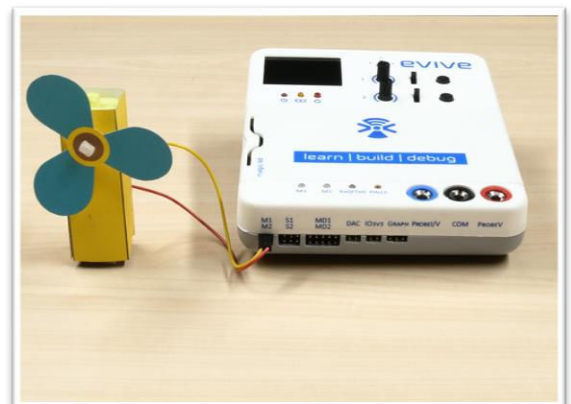
STEP 4: Carefully fit the fan blade on the motor shaft.

STEP 5: Insert the motor wires in the first motor channel, i.e. M1.

STEP 6: Switch on your evive, Navigate to

Controls > Motors > Motor 1

And control the Fan speed using the potentiometer knob 1 and direction of rotation using slide switch 1.



```
evive UUR:4.69
>Motors
  Servos
  Stepper Motors
```

```
evive UUR:4.61
>Motor 1
  Motor 2
  Motor 1 & 2
```

```
evive UUR:4.57
  Motor 1
  PWM: 0
  States:
  Dir1: 1
  Dir2: 0
```