

Figure S1

# Shopping List



Vibrating element

Any 3-5 volt DC vibrating motor - \$30  
(available from Amazon)



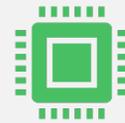
Tube to get from the  
vibrating element to the  
subject

30' of 1" PVC tube - \$15

Paracord – 100 ft - \$10

Whatever will touch the subject, e.g., tennis ball, tape, and if you want it, pipe insulation - \$5

(available from Hardware store, e.g. Lowe's)



Controller

Arduino Uno - \$25

Controller - \$50

Adafruitmotor Shield - \$20

(available from Amazon)



Software

We have used Eprime and Matlab for this