

# SINGING PLANT



## *Keywords*

Make your plant sing  
with Arduino,  
gameduino, touch

## *Input*

Arduino Board,  
Gameduino Shield  
Touch Shield

## *Output:*

Music

## *Technology:*

Touch frequency  
principle  
implemented on  
arduino board

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## Description:

*If two objects are conductive you can measure the capacitance between them (e.g. objects like: metal, water, human bodies and plants). By connecting a capacitance sensor to a plant we can detect if people are touching it and convert the touch into sound.*

## Links:

<http://www.youtube.com/watch?v=Y4dAPiUrvQY>

