

# Science cup round 2

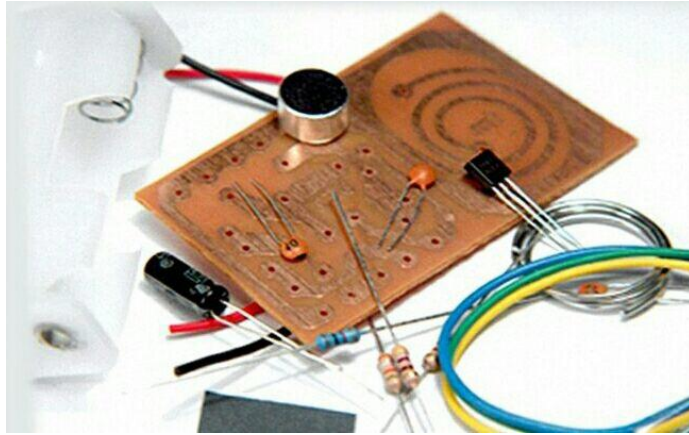
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## In this round I made a wireless FM

Done by Aysa Chavideh

### Things needed

- We need solder device
- Crop fiber
- Negative and positive wire
- 3 vol electricity
- Battery power box
- R2 vol base.
- R4 vol Emitter.
- R1 convertor
- A slitor board
- Transistor used in both emitter and base
- Rosenance sends frequency
- C1 sends the frequenc
- C3 deletes distracting voices



## HOW IT WORKS

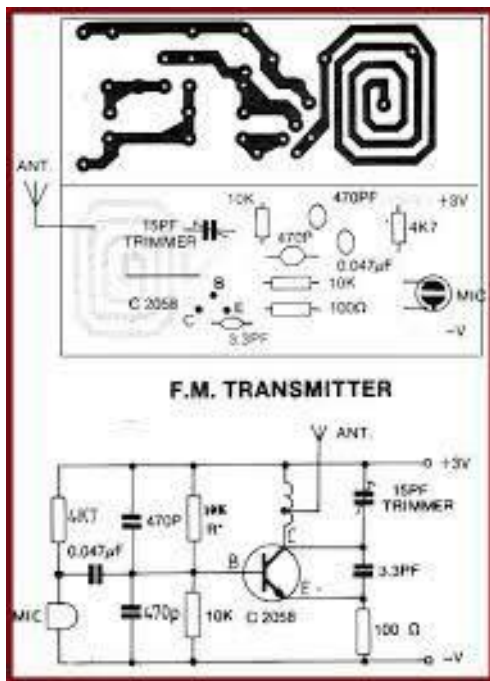
If you want to use this object you will also need a radio. This machine has a frequency with the specific number which only you and the person you are communicated with knows. This machine converts your sound wave to a electromagnetic wave which is sent to the radio and the radio again converts it to a sound wave.

How did I make it :

We have to connect all the parts to the slitor board. The C1 is the most important part in this machine, because the C1 lets the singlar to travel to the radio. After all the parts are attached using the soldering devices you are done with your machine.

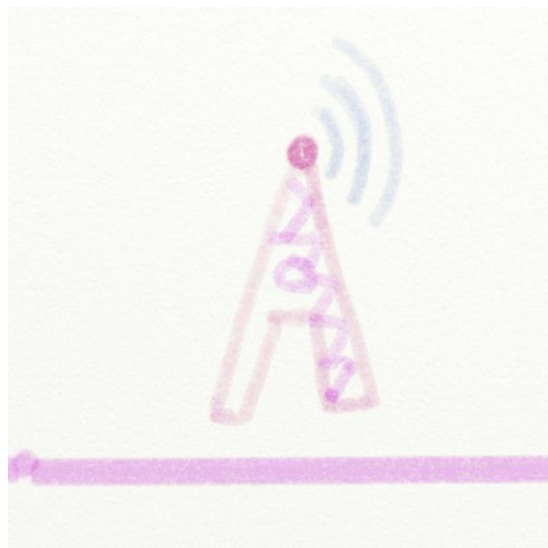
How to make the copper board:

You take a copper board and with using a sticker we draw the map of your motherboard on the copper board.



My logo:

Is an a which is shaped like signal towers. I choose this because



our round 2 subject is communication and my name starts with A.