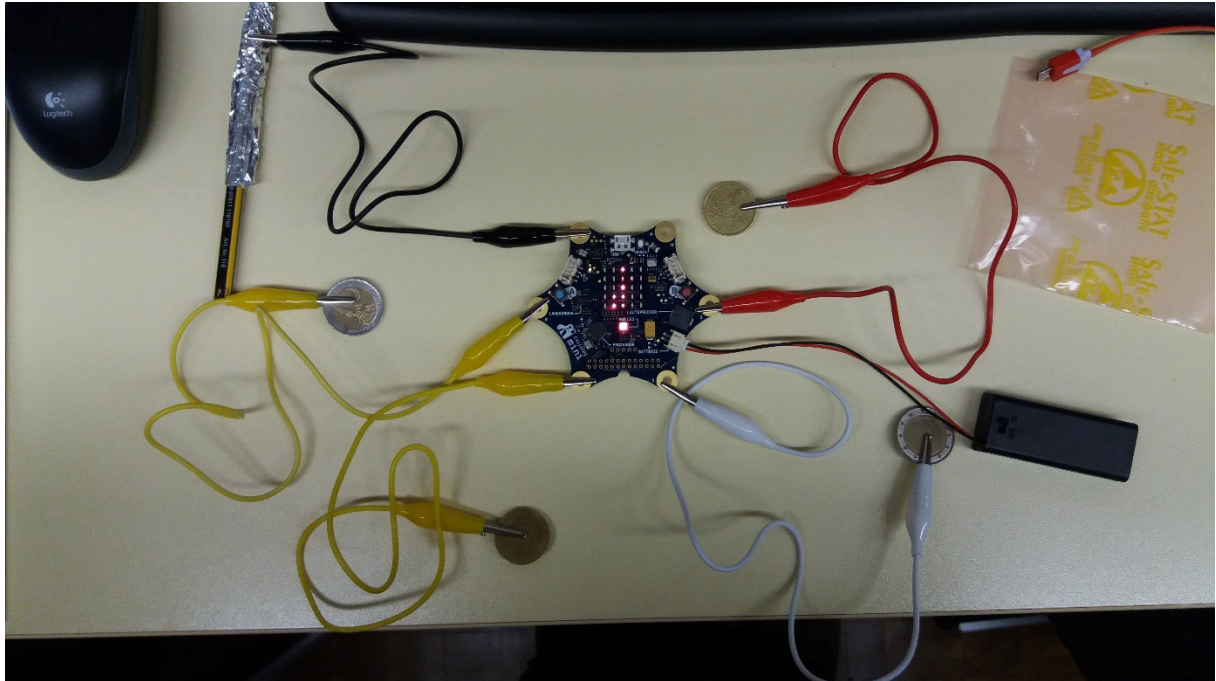


# Calliope Mini Piano



## -Material

For the piano you need:

- 1 Calliope Mini
- 1 pencil
- tin foil
- 5 alligator clips (cabel)
- four objects that conduct electricity  
(f.e. money,spoon,keys,...)

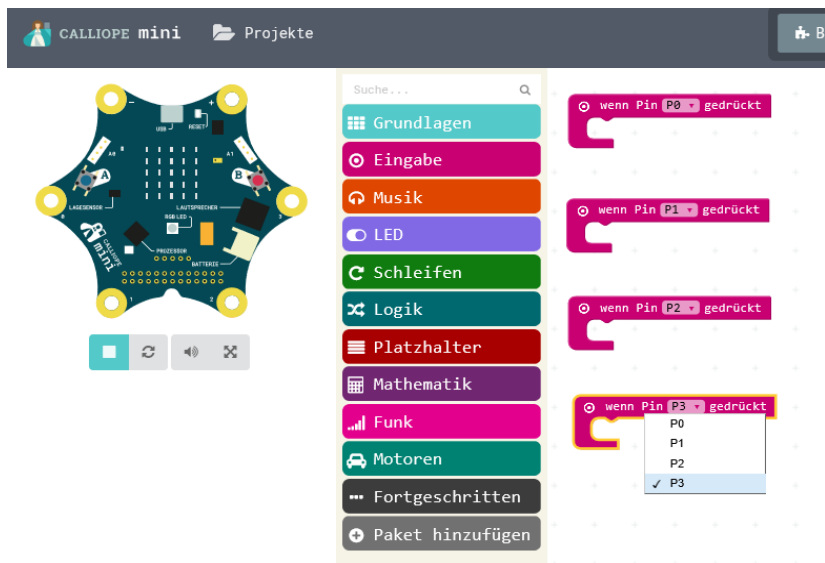
First we need to programm the script.

For that we use the PXT editor.

1. Use the block “wenn PIN P0 gedrückt“.  
You can find it in “Eingabe“.

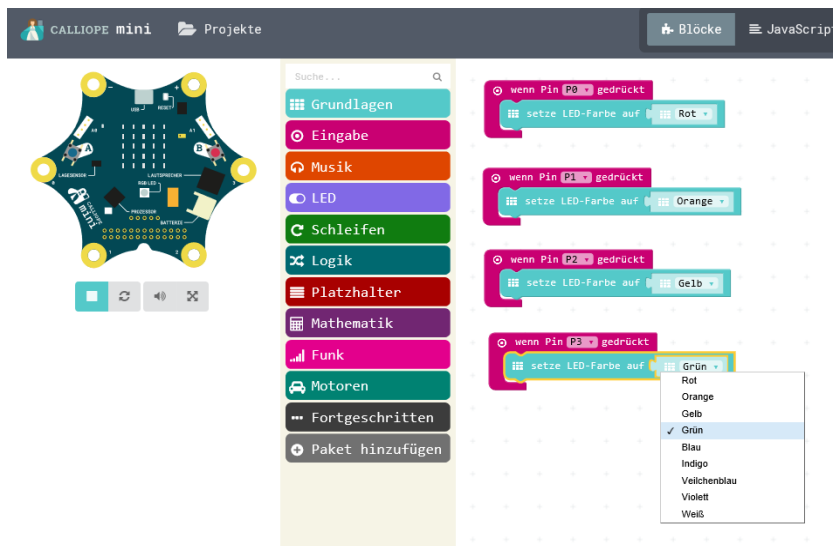
You need four of those blocks.

2. Change the “PIN P0“ into P1,P2 and P3.



3. Also you need four blocks of “setze LED-Farbe auf“. You can find them in “Grundlagen“.

You can change the colour to your liking.



4. Then you need four blocks of “Spiele Note ‘Middle C’ für 1 Takt”. They are in “Musik”. You can vary the notes for every block.

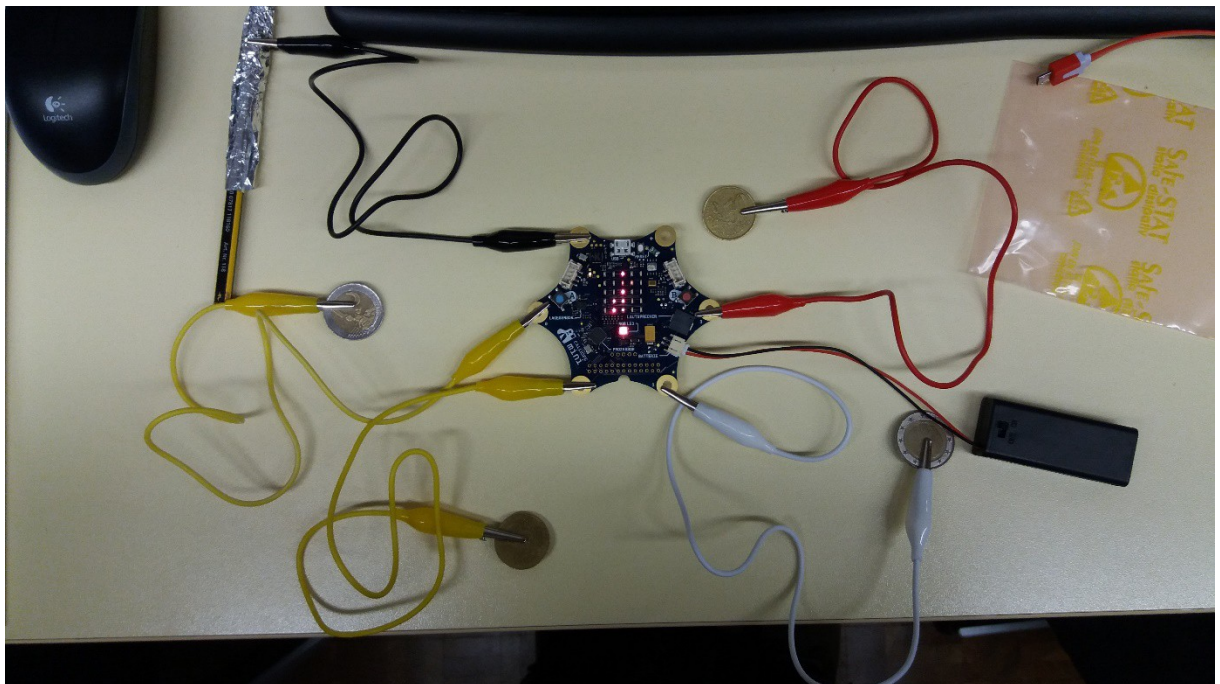
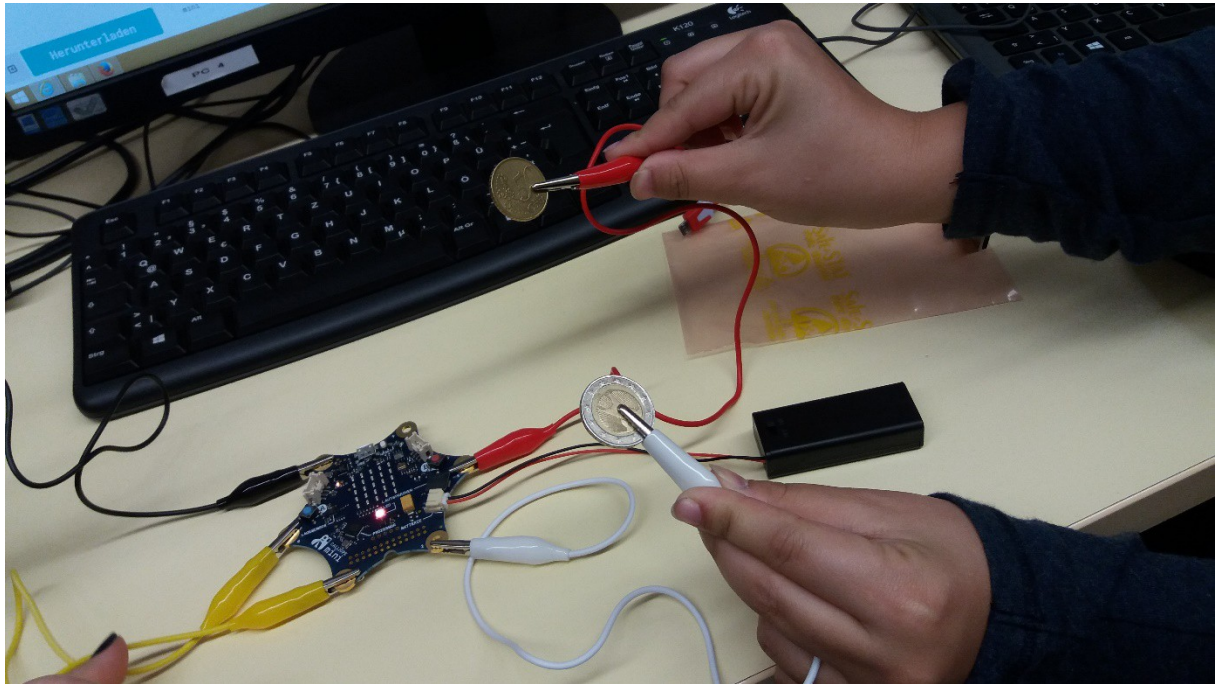


Wrap the tin foil around the pencil and connect the pencil and the Calliope Mini minus pol with a alligator clip. This means a circuit was created.



Now you have to connect the objects (money,...) and the Calliope mini with the alligator clips to

the Pins.



At last you have to download the programm (script) on your Calliope mini.

Now you have to put the objects (money,...) to the pencil to make a sound.

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