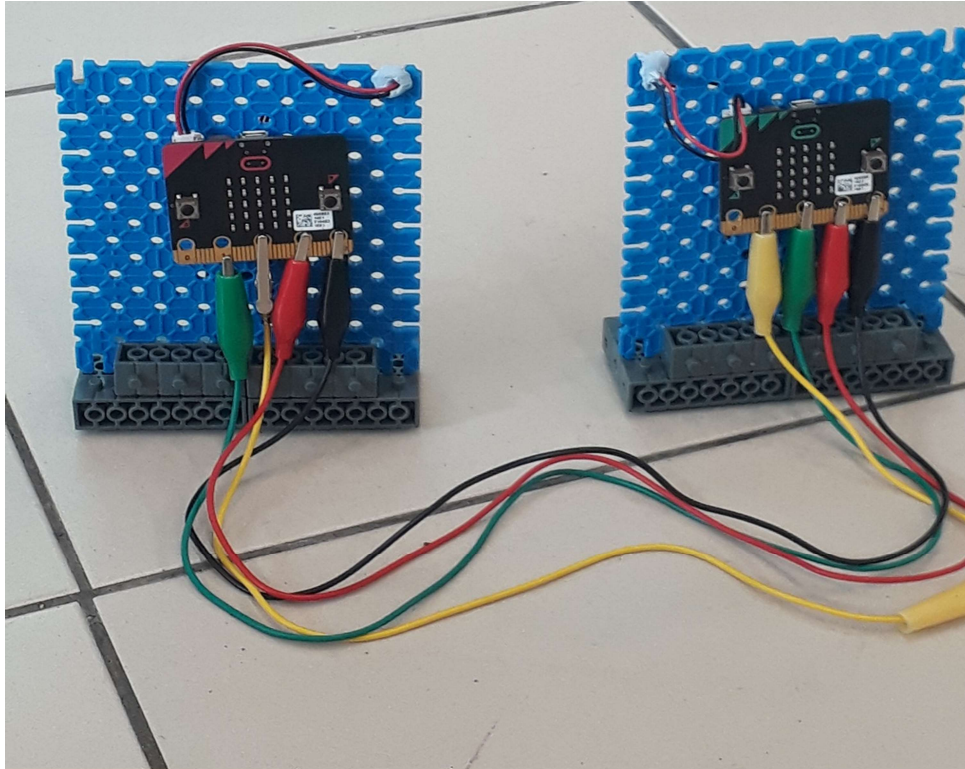


CEP Project Write-Up

Our CEP project product was a telegraph. It is made out of 2 microbits, 2 battery holders and 4 crocodile clips. It can send simple signals like LED lights in between each other.

Our microbit telegraph does not solve any problems. It was made for entertainment and simple communication purposes. For example, when one microbit presses button "A", the LED in the middle of it lights up and a different LED lights up in the receiving end. Basically, the sending end's middle LED lights up when sending and the receiving end's bottom right LED lights up. The screen will be clear of LED lights when button A is released.

Characteristics of our telegraph is that it is a simple telephone-like prototype made out of 2 blue boards and some blu-tack to hold it in place on the boards.



One advantage of our telegraph is that you can send simple communication signs between the 2 users without having to talk.

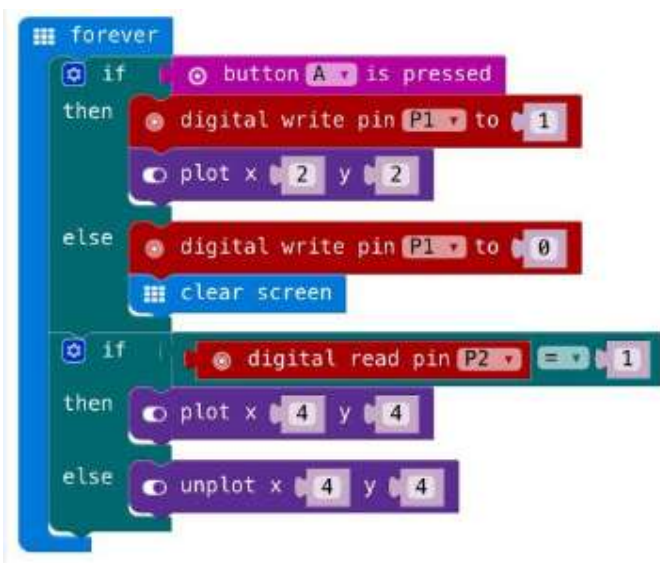
Although, one of our limitations is that it can only be used at small distances of about 30cm.

To wrap it all up, I would say that our projects is not good enough with the materials that we have right now. If we could, we would have retried it with more materials and more functions. Not to mention, more time, even though we have been given 3 hours 😊.

-----☺THE END☺-----

Done by:

Kelly, Tingli, Valerie Khoo, Valerie Lim



```
forever loop
  if button A is pressed
  then
    digital write pin P1 to 1
    plot x 2 y 2
  else
    digital write pin P1 to 0
    clear screen
  if digital read pin P2 = 1
  then
    plot x 4 y 4
  else
    unplot x 4 y 4
```