

Useful Code Blocks

If the close proximity sensor it attached to B then HI means it is detecting something. LO means it is not detecting anything.

To test the close proximity sensor attached to B, attach a programmable light to D and build this program. If the light turns red when your hand in about 3cm away

```

    program start
      do forever
        if B is HI then
          set sparkle 0 to red
        else
          set sparkle 0 to green
        end if
      loop
    end if
  
```

If you don't have a sparkle input when something is detected

```

    program start
      do forever
        if B is HI then
          light on the playground
        else
          light off the playground
        end if
      loop
    end if
  
```

Wiring

To Computer USB

Could be attached to A, B, C or D

More Information

wait until B is HI
Wait until the close proximity sensor (CPS) attached to B detects something

if B is HI then If the CPS attached to B detects something (HI) then do something
end if

if B is HI then If the CPS attached to B detects something (HI) then do something
else If nothing detected (LO) do something else
end if

do until B is HI Do something continually until CPS attached to B detects something
loop

If you wish any of these programs to check over and over don't forget to wrap them in a forever loop

Crumble Playground Close Proximity Sensor

MC32

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