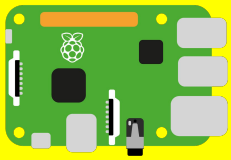
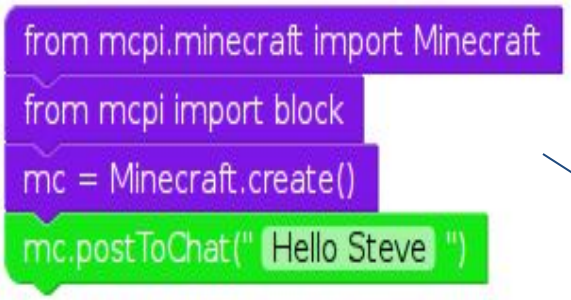
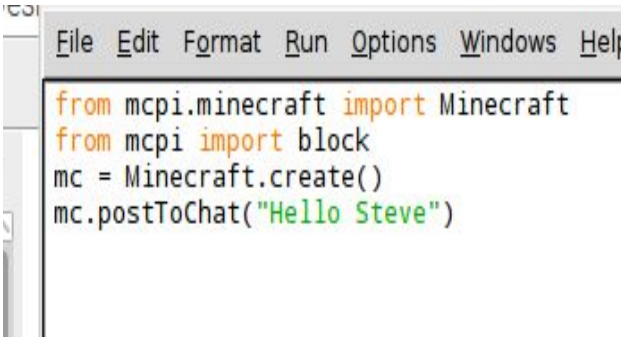
1  2  3 

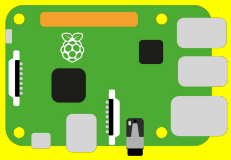
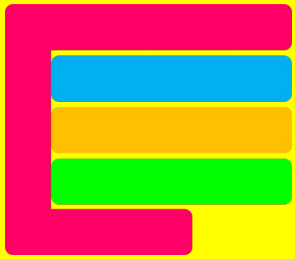
Coding

1. Get a Pi
2. Master visual Python with EduBlocks on side one
3. Try your hand at text based programming with Python 3 on side 2

Hello Steve





1  2  3 

Coding

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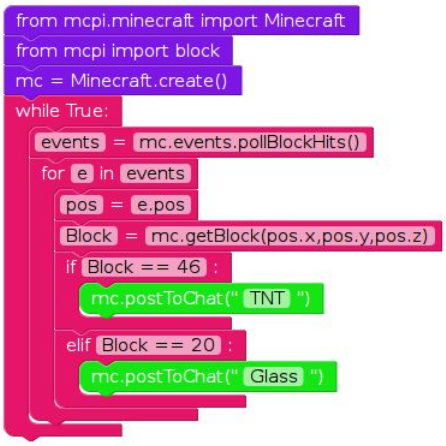
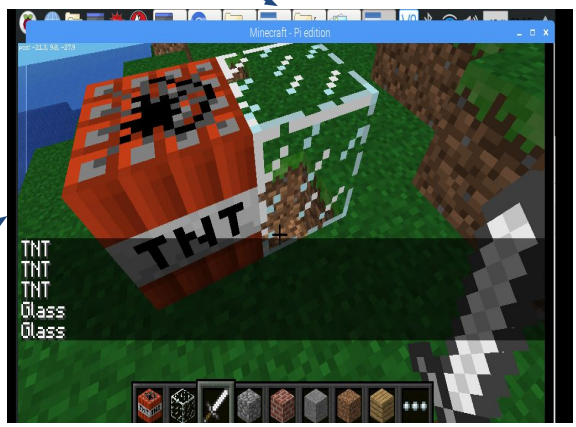
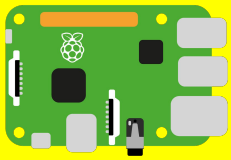
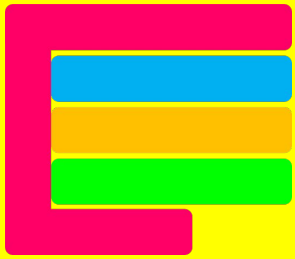
Whack a block, postToChat






```
from mcpi.minecraft import Minecraft
from mcpi import block
mc = Minecraft.create()
while True:
  events=mc.events.pollBlockHits()
  for e in events:
    pos=e.pos
    Block=mc.getBlock(pos.x,pos.y,pos.z)
    if Block == 46:
      mc.postToChat("TNT")
    elif Block == 20:
      mc.postToChat("Glass")
```

1  2  3 

Coding

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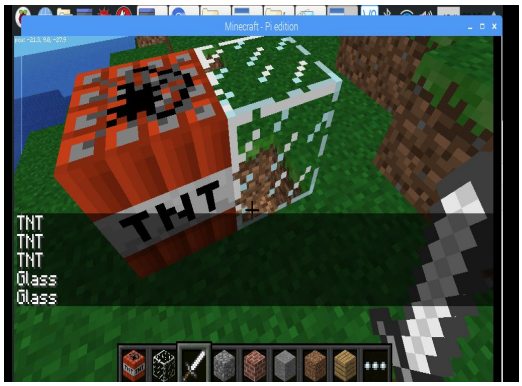
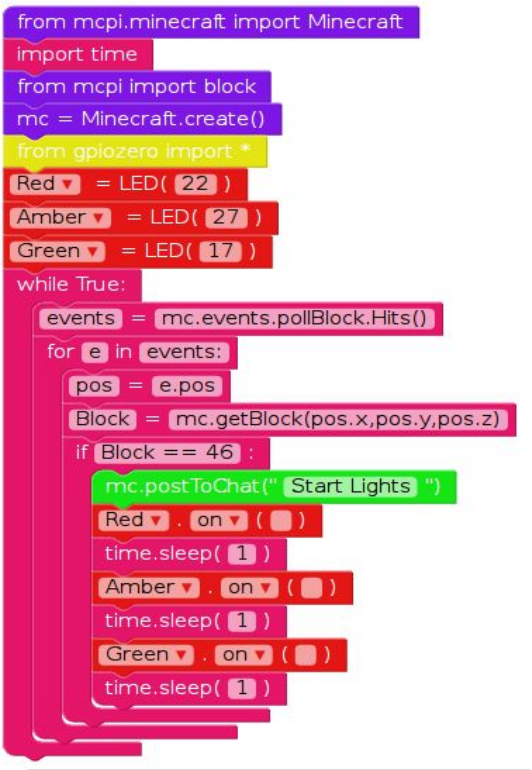
Whack a block, control Traffic lights






```
from mcpi.minecraft import Minecraft
import time
from mcpi import block
from gpiozero import *
mc = Minecraft.create()

Red = LED(22)
Amber = LED(27)
Green = LED(17)
while True:
  events=mc.events.pollBlockHits()
  for e in events:
    pos=e.pos
    Block=mc.getBlock(pos.x,pos.y,pos.z)
    if Block == 46:
      mc.postToChat("Start Lights")
      Red.on()
      time.sleep(1)
      Red.off()
      Amber.on()
      time.sleep(1)
      Amber.off()
      Green.on()
      time.sleep(1)
      Green.off()
```