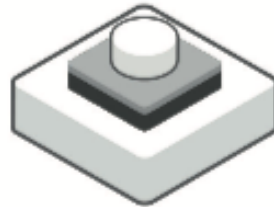


## Question 1.1 – Lights Up



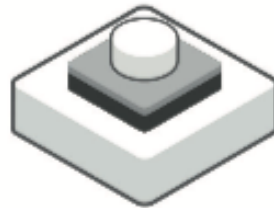
Button

RGB LED

Press the **Button** once and the **RGB\_LED** lights up in Yellow; press once more, the **RGB\_LED** switches OFF

按下**按鈕**一次，**RGB燈**以黃色點亮；  
再按一次，**RGB燈**熄滅

## Question 1.2 – Light Intensity



Button

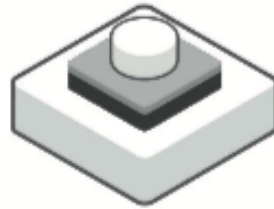


RGB LED

Switch ON the **RGB\_LED** and set the colour to Blue and light intensity to 50%

開啟**RGB**燈並將顏色設置為藍色，並將光強度設置為50%

## Question 1.3 – Lights ON



Button

RGB LED

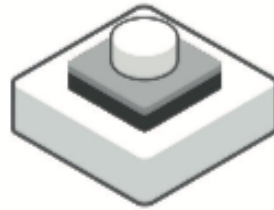
Switch on the **RGB\_LED** for 5 seconds only

\* you may choose any colour you like

開啟**RGB**燈5秒鐘

\*您可以選擇任何喜歡的顏色

## Question 1.4 – Blink Blink



Button



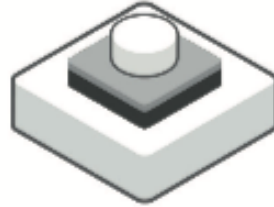
RGB LED

Press the **Button** once only to create a 2 colour blinking **RGB\_LED**

- the two colours are Purple and Yellow
- the interval between each colour is 2 seconds

- 按一下**按鈕**即可閃爍**2種顏色**的**RGB燈**
- 兩種顏色是紫色和黃色
- 每種顏色之間的時間是**2秒**

## Question 1.5 – Light & Sound



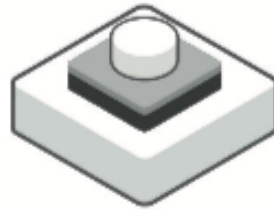
Button

RGB LED

Pressing the **Button** once only so that :

- **RGB\_LED** lights up once every 1 second (blink)
  - **RGB\_LED** switches off after 5 seconds and the Sound Player makes a “Switch Off” sound
- 當按下一次**按鈕**：
- **RGB燈**每1秒亮一次（閃爍）
  - **RGB燈**在5秒鐘後關閉，聲音產生器發出“關閉”聲音

## Question 1.6 – Colour Cycle



Button



RGB LED

Press **Button** once to activate this **RGB\_LED** colour cycle : Red , Blue , Green

- **RGB\_LED** changes colour every 2 seconds
- **RGB\_LED** switches OFF after 10 seconds

- 按下**按鈕**一次打開**RGB燈**，顏色循環變化：紅色，藍色，綠色
- **RGB燈**每2秒更改一次顏色
- **RGB燈**在10秒後關閉