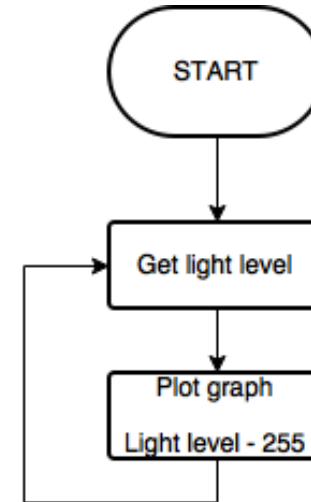


# Micro:bit Project Sheet 4

## Success Criteria

- Reads light level via LEDs
- Turn on more LEDs if light level high and less if light level low

## Design



## Block Code

```
forever loop
  set Light to light level
  plot bar graph of Light up to 255
```

The image shows a Scratch-style block of code. It starts with a blue 'forever' loop block. Inside the loop, there are two blocks: a red 'set Light to light level' block and a purple 'plot bar graph of Light up to 255' block.

## µPython

LIGHT SENSNOR NOT CURRENTLY AVAILABLE IN µPython

## Testing

- Place in dark are all LEDs off
- Use torch to increase light level—do LEDs light up
- Is there an increase in the graph compared to amount/position of light?

## Notes

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