

Noor is learning about using computational tools to collect data.

1. Create a block-based program to measure the temperature using a microcontroller, LED grid and temperature sensor component, then execute the program.

The program will:

- store the temperature value in a variable
- output the temperature value using the LED grid

Arduino run first:

Arduino loop forever:

Setup

Version 1

set int_temperature to

Display String "Light: " for 100 Milliseconds

Read Temperature Celsius (C)

Display Number int_temperature for 100 Milliseconds

 **LIVEWORKSHEETS**