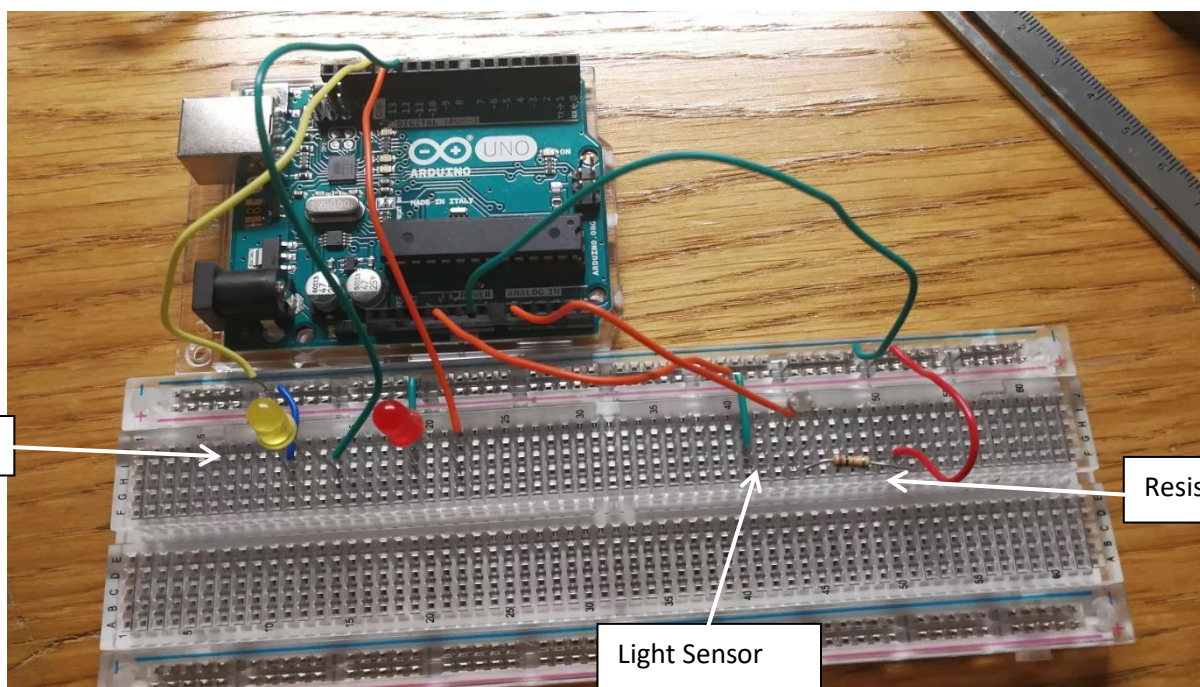
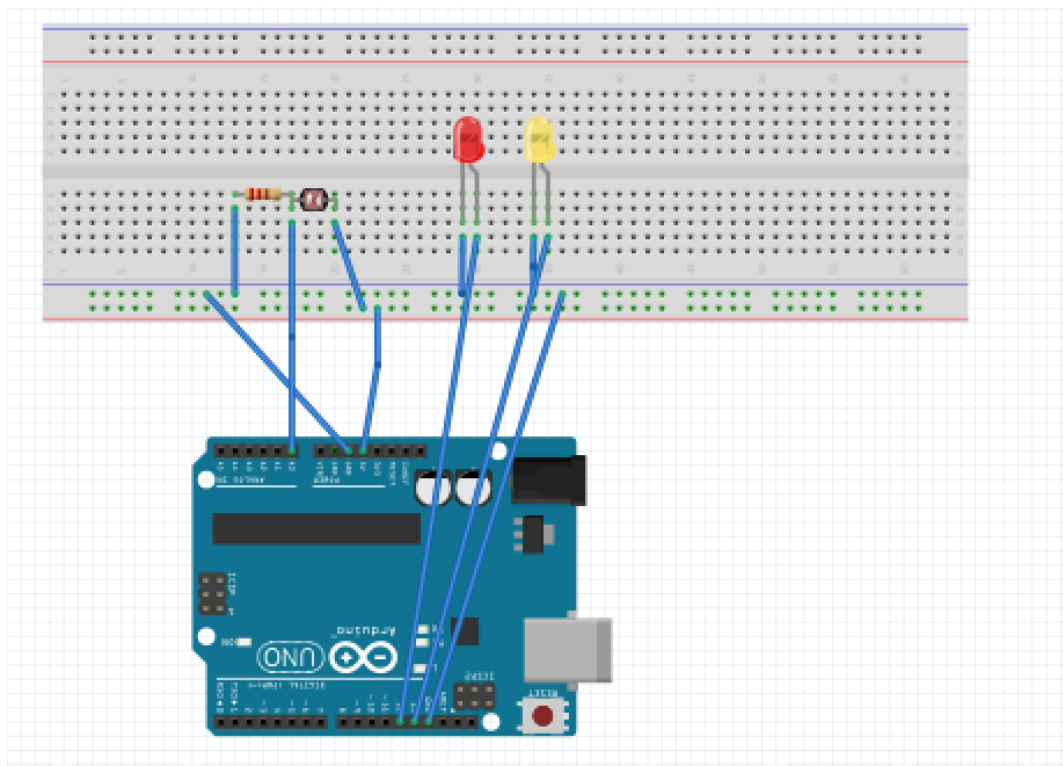


A concise description of what the Arduino application does:

My application uses the light sensor and takes measurements of the light intensity as input. If below a threshold, the red LED will start flashing otherwise the yellow LED will continuously flash. The results are displayed in a graph via Processing.

How to set up and run the application, including a circuit diagram (a well positioned photo will do). You can also use the Fritzing software to draw the circuit.

The circuit is set up like below. The USB cable connects the Arduino to the computer where the code is uploaded and ran. Either LED will start flashing depending on how light the surroundings are. The code for the graph is then ran to display a real-time graph.



Any notes about your OpenSCAD design if included and one or more rendered images of the 3D model as produced by OpenSCAD.

My model is a tray with partitions to put the breadboard in one side, a section for the Arduino and a section for extra components. There are two holes for the power and USB cables, as well as 4 holes for the Arduino.

