**Topic**

**Electric Circuits**

**Objective**

Researching and designing circuits and lighting systems for a house containing 4 rooms that have best serving circuits/ electric currents and calculating cost of power/ energy usage/

**Team:**

**Student’s Names:**

1 Mariana Haddadin

2 Haya Bataineh

3 Sara Akkawi

4 Naya Karadsheh

**Selected Title/ Theme:**

Light up your house!

**Resources:**

List of the resources used, please copy and paste the URL of used resources here :

1. <https://phet.colorado.edu/sims/html/circuit-construction-kit-dc/latest/circuit-construction-kit-dc_all.html>
2. <https://www.circuit-diagram.org/>
3. <https://thelightingoutlet.com.au/blogs/news/how-many-lumens-do-you-need-to-properly-light-your-space#:~:text=Your%20Lumens%20Calculation&text=The%20basic%20formula%20is%20to,would%20need%203%2C000%2D4%2C000%20lumens>.

**Your Submission:**

1. Submission document: uploaded to all subjects (\*\*\*\*\*\*\*\*\*) on LMS as a word file / PDF file by one team member only.