**Topic**

Light Up Your House!

**Objective**

To create electric circuits to light up a small house as a stimulation and a diagram while on a budget. And to create an excel spreadsheet calculating the total power, electric bill, sum of components used etc. while using proper math.

**Team:**

Student’s Names:

1. Laya Nowwara

2. Alex Petropulo

3. Mario Petropulo

**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](https://phet.colorado.edu/sims/html/circuit-construction-kit-dc/latest/circuit-construction-kit%20-dc_all.html)
2. <https://www.circuit-diagram.org>
3. Excel

**Your Submission:** All circuit diagrams/ simulations, calculations, graphs etc. are placed in the excel sheet.

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