**Science 9 – Circuit Model Home Expectations Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Blk: \_\_\_\_**

* Dollhouse with 4 Rooms
  + 1 light in each room/area of the house; all lights need to work
  + Each light will have **a switch of it’s on to turn it on/off** (and not affect others) \_\_\_\_ /40
  + Main switch **to turn on All the lights** and **turn off All the lights** in the house \_\_\_\_ /10
  + House is creatively designed and decorated. \_\_\_\_ /10
  + Individual Reflection \_\_\_\_ /20

Total: \_\_\_\_ /80

Basic Circuit Set-Up: How will you build a circuit with 4 lights in 4 rooms, all with their own switches, and one main switch that controls all the lights? (Total – 5 switches)

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Group Member Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_