**Cooler Design and Data Sheet**

*Brainstorming Sheet:* Draw your cooler idea and label the materials used.

Record your temperatures from the different materials in the table below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Materials*** | ***Side A***  ***Temperature***  ***Side B***  ***Temperature*** | ***Time***  ***Temperature*** | ***Time***    ***Temperature*** | ***Time***  ***Temperature*** |
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Create a graph using the data to show the temperature differences between the materials on the matrix below:

Graph each material with a different color showing the temperature compared to the time, label your graph, and provide a key showing the colors matching to the materials.