Bill of Materials-[Project Name]

# DELETE ALL BLUE TEXT BEFORE FINAL SUBMISSION.

# File name: Bill of Materials-Project Name, Location: Phase 5 Box Folder

# Description:

The bill of materials is a complete list of all materials needed to build the project again. This includes tools as well as any consumables. The bill of materials allows you to recreate the project after it has been completed, and provides a parts list in case of repairs or replacements. You may be able to find this information in the order form folder for your project.

# Instructions:

1. Create a list of all materials used to build the project. Use the following categories to complete the list
   1. Project Materials
   2. Consumables
   3. Tools
2. Include vendor and URL for specialized items
3. Write abstract for the bill of materials document

# Abstract:

# Bill of Materials:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item Name** | **Quantity** | **Vendor** | **Link** | **Category** |
|  |  |  |  |  |
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|  |  |  |  |  |
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# Example:

# Abstract:

# Bill of Materials:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item Name** | **Quantity** | **Vendor** | **Link** | **Category** |
|  |  |  |  |  |
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# Example: Coffee Maker

# Abstract:

# Example:

The coffee maker needs to perform the following functions: hold hot water, store coffee (grinds), brew coffee, and keep the coffee warm after brewing. Identifying these sub-components will allow our team to design each sub-component independently and in parallel. We will explore and identify the best way to perform the necessary function of the sub-component in future activities.



# Sub Components

* The figure above identifies the functional decomposition for the coffee maker and its sub-components.
* The coffee maker has to hold water. This water will be used to brew the coffee.
* The coffee maker has to hold coffee, or “grinds”. These grinds will be used to brew coffee.
* The coffee maker has to brew coffee. The coffee grinds and the hot water combine to brew the coffee.
* The coffee maker has to keep coffee warm after brewing.