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**Maker Project Documentation**

**Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Makerspace: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Start Date: //\_\_\_\_\_\_
Target Completion: //\_\_\_\_\_\_**

**1. Project Concept**

**Goal/Purpose:
[ ] Educational [ ] Prototype [ ] Art [ ] Functional Product [ ] Repair
[ ] Other: \_\_\_\_\_\_\_\_**

**Description:**

**Inspiration Images/Sketches: *(Attach photos or drawings)***

**2. Planning Phase**

**Materials Needed:**

| **Item** | **Quantity** | **Source** | **Cost** | **Acquired (✓)** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |

**Tools/Equipment Required:
[ ] 3D Printer [ ] Laser Cutter [ ] CNC [ ] Soldering Iron
[ ] Woodworking [ ] Sewing [ ] Electronics [ ] Other: \_\_\_\_\_\_\_\_**

**Safety Considerations:
□ Eye Protection □ Gloves □ Ventilation □ Fire Extinguisher
□ Closed-Toe Shoes □ Machine Training Required: \_\_\_\_\_\_\_\_**

**3. Step-by-Step Process**

| **Step** | **Task** | **Tools/Materials** | **Time Estimate** | **Completed (✓)** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| **1** |  |  |  |  |  |
| **2** |  |  |  |  |  |

**4. Challenges & Solutions**

| **Problem Encountered** | **Solution Applied** | **Lessons Learned** |
| --- | --- | --- |
|  |  |  |
|  |  |  |

**5. Final Documentation**

**Photos/Videos: *(Attach files or link to cloud storage)***

**Measurements/Specs:**

**Total Cost: $\_\_\_\_\_\_\_\_\_
Total Hours: \_\_\_\_\_\_\_\_\_**

**Would you build this again?
[ ] Yes, exactly as-is [ ] Yes, with modifications [ ] No
Planned Modifications: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**6. Maker's Notes**

***(What surprised you? What would you tell someone attempting this project?)***

**Maker's Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: //\_\_\_\_\_\_**