

**H911008 - Recycled Woodworking Display** - (SF91) Article made from recycled, reclaimed or composite wood.

Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the design and engineering process was used to develop the woodworking plan. 1. State the problem (Why did you need this item?) 2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?) 3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?) 4. Reason for article finish (What type of finish, how did you finish or why you choose this finish?) 5. Build the item (What was your woodworking plan, and what processes did you use to build your item?) 6. Evaluate (How does your item solve the original need?) 7. Present results (How would you do this better next time?) Put your supporting information in a clear plastic cover

1.State the problem (Why did you need this item?):

---

---

---

---

---

---

2. Generate possible solutions (how have others solved this problem?):

---

---

---

---

---

---

---

3.Select a solution (how does your solution compare on the basis of cost, availability, and functionality?):

---

---

---

---

---

---

4. Reason for article finish (what type of finish, how did you finish or why did you choose this finish?):

---

---

---

---

---

---

5. Build the item (what was your woodworking plan, what process did you use to build your item?):

---

---

---

---

---

---

---

---

---

---

6. Evaluate (how does your item solve the original need?):

---

---

---

---

---

---

---

---

---

---

7. Present results (how would you do this better next time?):

---

---

---

---

---

---

---

---

---

---