

# Residential Studio IDES1650

## “Story of the Sofa”

**Activity: Identify the materials in a sofa and research the environmental and social impact of the manufacturing of each part. Identify the sustainable feasibility of each component.**

- Meet in a team of 4-5 to identify and list all the components of a sofa.
- Share in class the outcome of your findings.
- Discuss the transportation of the sofa to the client.
- Divide the list of materials between the team members and research the resources needed for each product. List all of the resources required and waste created.  
Example: what are the resources needed and waste created to make metal springs.
- Identify the environmental impact in the production of the part.
- Identify if there is any social impact in the production of the part.
- Find sustainable resources or alternatives for each component of the sofa.

The project requirements are as follows:

- Create a “story of the sofa” in any format the team wishes (a presentation board, power point presentation, etc)
- Each member is to write a one page paper evaluating the team experience and their response to the research project.

Due Date: September 7, 2010

### Grading Points

- |  |        |
|--|--------|
| • Presentation format is professional.                     | 10 pts |
| • As a team, verbally present to the class.                | 10 pts |
| • Documentation is provided for each component identified. | 40 pts |
| • Individual evaluation paper is completed.                | 15 pt  |

TOTAL 75 pts

# **Residential Studio IDES1650**

## **“Story of the Sofa”**

**Project: To get students to comprehend the complexity of manufactured items in our industry and the research needed in specifying sustainable products.**

### **Learning outcomes**

Students will:

- Identify parts to an upholstered piece of furniture.
- Research and document the resources needed for each component of the sofa.
- Research sustainability issues in our industry.
- Work in a team environment.
- Create a presentation.
- Present to the class.

### **Prior Student Learning**

- Sustainability terminology.
- Identify production, consumption, disposal
- Video “the story of stuff.
- Reading and researching various environmental impacts of manufacturing.
- Read Money Magazine’s “pottery barn uncovered”

### **Time required for lesson**

1 week