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**Recycled Plastics Construction
Basic One Day Workshop Outline**

Morning Session (3 hours)

Orientation

- Work Area Setup
- Tool and Equipment Review
- Fasteners & Adhesives
- Material Characteristics
- Safety Related Matters

Fundamental Techniques Demonstration

- Anatomy of Plastic Bottles
- Deconstructing Plastic Bottles
- Cutting Techniques
- Heat Forming Techniques
- Fastening Techniques

Student Materials Preparation

Slide Presentation

(Lunch Break)

Afternoon Session (3 – 4 hours)

Small Assembly Project Demonstration

Student Small Assembly Project Work

Larger Assembly Project Demonstration

Student Larger Assembly Project Work

Informal Critique and Discussion (Based on time availability)