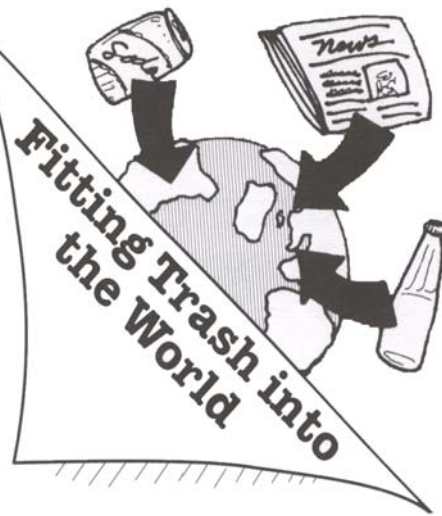


Chapter Four



Chapter Objectives:

In this chapter students will explore their connection and contribution to the waste disposal problem by looking at the contents of a ton of trash. They will compare the amount of raw materials needed to make certain products to using recycled materials for the same products. Students will examine plastic as a special case, observing its role as a reusable and recyclable material.

Chapter Outline

- I. **Lesson One:** "It Weighs a TON!"
 - A. Procedure
 - B. What's in a Ton of Trash
- II. **Lesson Two:** What it Takes to Make a Ton
 - A. Procedure
 - B. Raw Materials and Recycled Materials
 - 1. Paper
 - 2. Glass
 - 3. Aluminum and other metals
- III. **Lesson Three:** A Special Look at Plastic
 - A. Procedure
 - B. "A Special Look at Plastic"
 - C. MOBIUS Considers His Options
- IV. **Activities**
 - A. Recycling Times...Herald...News...Post
 - B. Radio Waves Teach Recycling Ways