

• Lessons 1 and 2 are to be conducted before students take the tour.

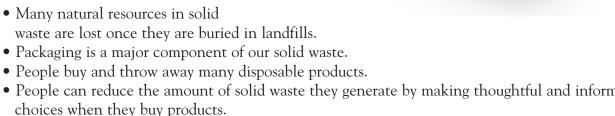
• Lessons 3 and 4 should be conducted after the tour.

The goal is for students to understand the importance of landfills in disposing of our solid waste and to learn practices that reduce the amount of solid waste we produce, thus saving natural resources, including the land needed for landfills.

The concepts that students will learn include:

- People produce many types of solid waste.
- The amount of waste can be decreased through reducing, reusing, and recycling.
- Reducing waste saves money, energy, and the environment.
- Landfills are commonly used to dispose of solid waste.
- Landfills are designed to protect the environment.
- Many natural resources in solid
- Packaging is a major component of our solid waste.
- People can reduce the amount of solid waste they generate by making thoughtful and informed choices when they buy products.
- Most products made by people don't have to be thrown away and can be kept in a cycle through reusing and recycling.





These lessons have been adapted from Closing the Loop: Exploring Integrated Waste Management and Resource Conservation, developed by the California Integrated Waste Management Board.

SOLID WASTE LESSONS OVERVIEW

Pre-Tour	CLASS WASTE AUDIT 7
110 1000	I. Collect waste for about one week
	II. Analyze trash
	III. Discuss results of analysis
	IV. Plan ways to reduce trash
	Extensions
	Background Information Masters
	- Class Waste Analysis
Lesson 2: Pre-Tour	FILL A LANDFILL15
rre-1our	I. Determine what solid waste is and where it goes II. Construct landfill models
	III. Prepare for field trip
	IV. Analyze contents of model landfills (four weeks later)
	Extensions
	Background Information
	Masters - Construction of a Landfill in a Bottle
	- Layers in a Landfill
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Lesson 3: Post-Tour	BUYER BEWARE25
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	I. Analyze why we buy products II. Analyze packaging
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	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions Background Information
	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions
Post-Tour	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions Background Information Masters - Why Do We Buy It?
Post-Tour Lesson 4:	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions Background Information Masters
Post-Tour	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions Background Information Masters - Why Do We Buy It? CYCLES I. Categorize objects by natural resource base
Post-Tour Lesson 4:	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions Background Information Masters - Why Do We Buy It? CYCLES I. Categorize objects by natural resource base II. Discuss cycles
Post-Tour Lesson 4:	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions Background Information Masters - Why Do We Buy It? CYCLES I. Categorize objects by natural resource base II. Discuss cycles III. Examine life cycle of various objects
Post-Tour Lesson 4:	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions Background Information Masters - Why Do We Buy It? CYCLES I. Categorize objects by natural resource base II. Discuss cycles III. Examine life cycle of various objects IV. Plan recycling
Post-Tour Lesson 4:	I. Analyze why we buy products II. Analyze packaging III. Discuss buying decisions Extensions Background Information Masters - Why Do We Buy It? CYCLES I. Categorize objects by natural resource base II. Discuss cycles III. Examine life cycle of various objects IV. Plan recycling Extensions
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