



## BREEF Teacher Training Workshop Lesson Plan

**Name:** Iva Hunter

**Subject:** Science

**Date:** 21 July, 2007

**Grade Level:** 6

**Time:** 60 minutes

**Lesson Title:** Marine Pollution: Field Trip

**Lesson Purpose/Rationale:** Bahamians almost literally live in the ocean: We have very little land area. We depend on the ocean for survival, therefore we should protect it.

**Objectives:** At the end of the lesson, students will be able to:

1. Define the terms marine and pollution
2. Locate five items that contribute to marine pollution
3. Give one reason why marine pollution should be reduced
4. Discuss one way in which marine pollution can be reduced.

**Resources:** disposable gloves (1 pair per child), garbage bags, 6 hoola hoops

### **Procedure:**

**Introduction:** The teacher poses the following to the class for discussion: Tommy and his family had a beach picnic; they played games, ate lots of food and had a whale of a time. At the end of the day, they took empty coolers back home. What do you think about the actions of Tommy's family?

### **Development:**

The teacher will share his/her personal thoughts on what Tommy's family did with their waste and ask students what impact their actions may have.

The class is divided into groups; each group is given a garbage bag, and a pair of gloves per child. They are then given 3 minutes to locate items on the beach that may contribute to marine pollution. During this time they name and record the items that they find.

At the end of the allotted time the groups will categorize their items. Once items have been categorized students will share their findings including any patterns that they find in the data e.g. most of the garbage is paper but the least is metal. They will then discuss why these items were present on the beach.

The teacher will discuss the impact of various items on the marine environment and human health. The teacher will set up a hoola hoop obstacle race. The students in teams will participate in a relay to move through the hoops along a designated path simulating the challenges that marine organisms face with marine debris.

The teacher will ask the students what they think that they should do with the garbage before leaving the beach (Answer: take it away and dispose of it properly)

### **Assessment:**

Students prepare a skit that discourages activities that result in marine pollution and encouraging activities that reduce it.