

The Design Process Activity (Activities)

PLTW Engineering Design and Development

John Jay High School

Department of Technology Education



Mr. Butler

Name: _____ Date: _____ Period: _____

Directions: After learning about the Design Process, it's time to apply it! You will be given a sample problem and must determine each of the 7 steps that will help you solve the problem.

Problem: Yosemite National Park, CA, is experiencing an overwhelming number of complaints from employees and guests about black bears trashing their camp grounds. The bears are coming from their nearby habitats to the camping sites eating garbage and stealing food from guest's picnic areas.

Identify

Gather

Research

Analyze

Decide

Implement

Feedback