



Social Constraints

ASSIGNMENT

For this assignment you will be discussing the social constraints associated with hosting an exhibit at Engineering Discovery Days (Open House) at the local University. You have decided to volunteer for Engineering Discovery Days and host an exhibit about the impacts of electronic waste and the impacts, both economic and environmental, of properly recycling e-waste. Your exhibit will host up to 1,000 visitors over two days, ranging from early elementary school (second grade) students to retired members of the community. The exhibit will enable participants to scrounge through a bin full of electronic waste parts (think broken cell phones, integrated circuit boards, yards of wires and cables etc.) and selecting the one item they want to recycle. This one chosen item will then be presented to a "Buyer" who will determine its value relative to other forms of electronic waste and provide tokens (money) to purchase prizes. Tokens (money) will be offered in either regular currency or environmental currency for:

- a. The monetary value of what can be recovered from the recycled part (e.g. gold, silver, etc.)
- b. The environmental value of the part (the damage prevented by recycling the part properly).

Participants can then use the regular currency to buy certain prizes at "The Store" and the environmental currency to buy other prizes at "The Store". The monetary prizes (purchased with regular currency) will need to be immediately gratifying, much like recycling for profit gets you an immediate pay out; while the environmental prizes (purchased with environmental currency) will need to be gratifying in the long term, much like how recycling for the environment has the greatest impacts on future generations.

For this assignment you will need to consider the social constraints surrounding both monetary prizes and environmental prizes and come up with three logical prizes for each type of prize. These prizes will need to be in a hierarchy so that the attendees who recycle the item that is the most valuable for either monetary or environmental reasons, can then purchase the highest level prize. In other words, the three types of monetary prizes should be loosely perceived as good, better, best by participants (as well as immediately gratifying) and should provide immediate gratification. The three types of environmental prizes should be loosely perceived as good, better, best by participants as well as gratifying more in the long term. An example of a monetary prize might be a piece of candy while an example of an environmental prize might be a young sapling (tree).

This assignment requires creative thinking and careful consideration of what types of prizes are desirable to this community of participants and what types of prizes best represent the levels (good, better, best) as well as the theme (environmental, monetary) of the reward. For this assignment, submit a response that is a minimum of one page long, single spaced, with 1" margins and font no larger than 11 pt. The length requirement does not include title, graphs, figures, extra white space, or other additions that are not text). Please provide a list of sources used to answer the above prompts at the end of your assignment in an APA or IEEE style bibliography. No citations in text are required. Engaging photos or other figures are appreciated, but should be cited appropriately to give credit to the author/creator of these visual aids.