**Great Pacific Garbage Patch - Mechanical Systems - Transfer Machine**

**Checklist**

1. BluePrint

* Title
* Dimensions
* Clearly Label all pieces/sections
* Explanation - how does it work?

1. Explanations - Real world explanation considering each of the following points:

* Efficiency
* Effectiveness
* Function
* Design
* Cost
* Improvement
* Safety
* Convenience
* Esthetics
* Packaging
* Environmental Impact

1. Build

* Must include a minimum of 3 simple machines
* Must transfer garbage from the Prototype to the Garbage boat
* Must work!!!

1. Video

* Give it a professional name
* Discuss the purpose/function of the transfer boat
* Discuss each simple machine