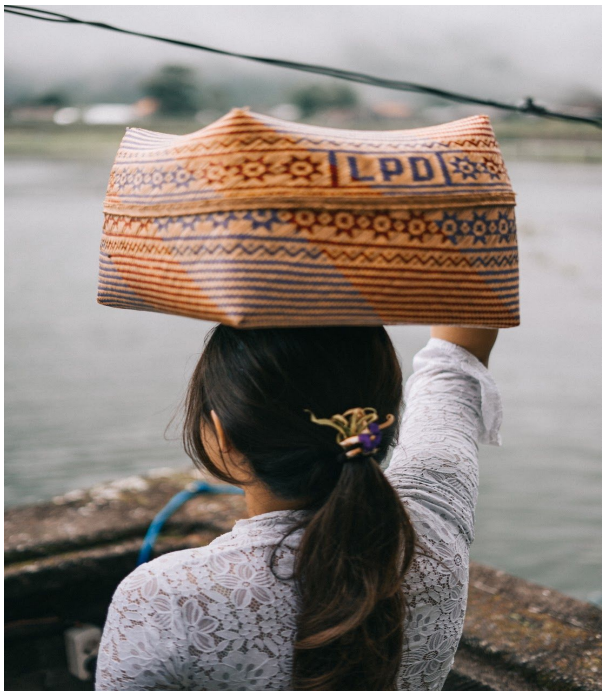
Name: _____

FINAL ENGINEERING CHALLENGE of the YEAR…
Due May 24th, 2019

Engineering Grand Challenge - Clean Water

Some people have to travel many miles to bring clean water back to their house.



Design a way for them to carry or move clean water to the house so it isn't so difficult. (i.e. - on their head, carrying around their shoulders, neck, bucket with handle)

Constraints: (Eggbert is a Student this time… They will have to push at least a gallon of water around some obstacles in whatever they create.) Create a contraption that **Eggbert (a student**) hold clean water to take it to villages without access.

- Contraption must be easy to push through different terrains (**grass, leaves, asphalt**)
- Student must be able to push it with at least a gallon of water inside.
- **Contraption cannot use ANY food or liquid containers (plastic containers, jugs, bowls, glass etc.)**
- Contraption needs to keep the water safely inside.
- **Must be made out of recycled materials. No bought wood or new wheels please.**

Ask: How would life look different if you didn't have access to clean water?

Imagine you had to travel for miles to get water and then take it home. What would you want to use to get that water home?

How would you keep it from going bad?

Plan: Design a plan for you to carry/move a gallon of water safely.

My plan

Improve: How did you have to improve your design?

Reflection: IF cost wasn't a factor what would you have done differently?