

Date:

## Wednesday Challenge Form

Group Members: Alex, Edgar, Shaun, Nicolas

Problem Statement: Each group is to design a machine

**Approach:** My group's idea was to have two bowls separated by a divider. One bowl would be filled with cat food, and the other would be filled with dog food. Since dogs and cats have a very strong sense of smell, they should be able to choose the food especially made for them.

**Solution:** Zachary's team won the Wednesday challenge. Their design utilized the way that a dog and a cat turned their tongue when drinking water. My group lost.

**Lessons Learned:** Thinking outside the box was the key to this challenge. Our abilities to problem solve were tested, and thus, our critical thinking abilities were too. In order to win next time, we must develop it to the point where we could think of the best design for any problem that's presented.