

# Kilauea Elem. School Lego Robotics Team 2011



# First Lego League

*This years theme for the First Lego League (FLL) is Food Factor. There are three very important things the team has to go over. They are Core Values, Robot Game, and Project. Our Lego Robotics Team has worked really hard on on these three subjects. But in the end all the hard will will be worth. (When we kick butt at the competition.)*

# From the Farm to the Table

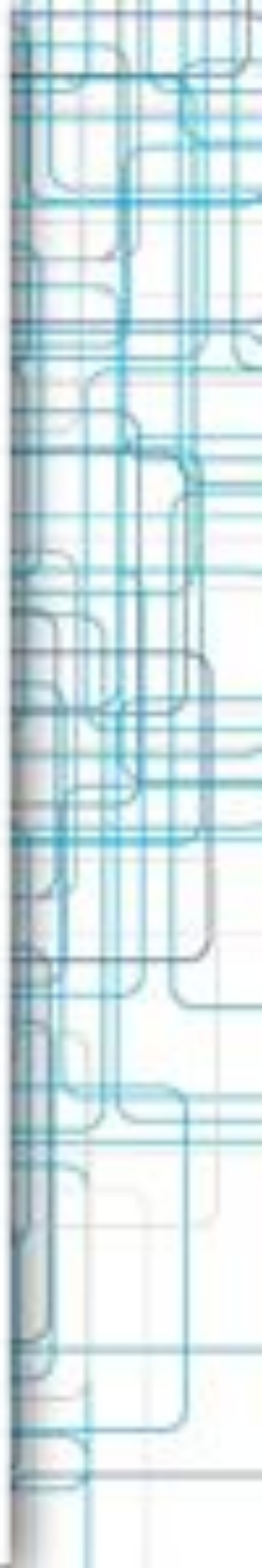
*This year our team went on three field trips to help us understand our Food Factor theme. Our first field trip was at our own school cafeteria. We also went to the Kilauea Bakery which is right in our home town. There the owner had named his fridge Oregon and his freezer Alaska! Our final field trip was at Kauai Fresh Farms. On that field trip we saw how food was grown and learned how they harvested. We also learned how important it was to keep things sanitary and what happens if something gets contaminated.*



# Contamination

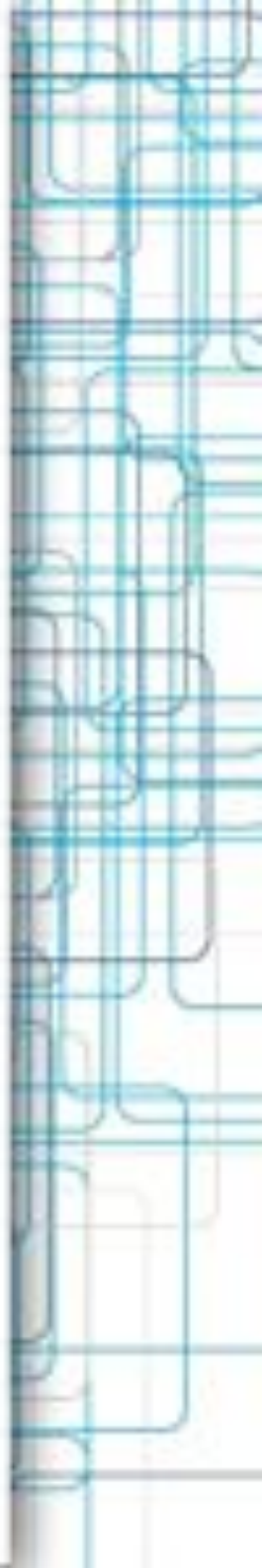
*We have researched some contamination issues with lettuce and found some interesting facts. Did you know that True Leaf farms in California recalled 90 cartons of romaine lettuce this week to possible contamination from Listeria. Did you also know that on December 2006, Taco Bell restaurants in four Northeastern states emerged as a common link among 71 sickened people across five states, 52 of whom were ultimately confirmed by centers for Disease Control to have tested positive the same coli strain .*

# Kauai Fresh Farms





# Kauai Fresh Farms



# Kauai Fresh Farms

*On our field trip to Kauai Fresh Farms we saw how food was in it's farm process. We also learned how important it was to keep food sanitary and what happens when something gets contaminated. Mrs. Markita Smith Kauai Fresh Farms manager was our professional tour guide during this field trip.*



# Kilauea Bakery





# Kilauea Bakery

*On our trip to the Kilauea Bakery we saw how food was stored. They used a very interesting storage system. They called there refrigerator Oregon and there freezer Alaska.*

# Kilauea Cafeteria





# Kilauea Cafeteria

*At our trip to the Kilauea Cafeteria we saw how food was made and we also saw what they made all the food. We also got to see how things get delivered. .*

# Our project

*We decided to do the lettuce harvester because on our trip to Kauai Fresh farms because Mrs. Markita said that they had a problem with harvesting there crops. So our Robotics team invented a lettuce harvester. This invention will help from getting the lettuce contaminated.*



# Our Project

