

SAVE THE DROP WATER CONSERVATION CONTEST

SAN FERNANDO MIDDLE SCHOOL

This project is being led by Mr. Ortiz, school principal, and his 7th grade Maker Ed class. Students were prompted to come up with a project idea to combat the serious drought we have been having in southern California with a goal to find the best and most effective irrigation system for San Fernando Middle School to conserve and water it's garden.

The students teamed up and each group researched different irrigation methods, then they designed, planned and sketched out how they would build their irrigation system on their plot using only recycled materials found around campus, their house and the community.

The next steps would be to test their project and see if it would be able to water their plot of land.

Students Plans for their Irrigation system:



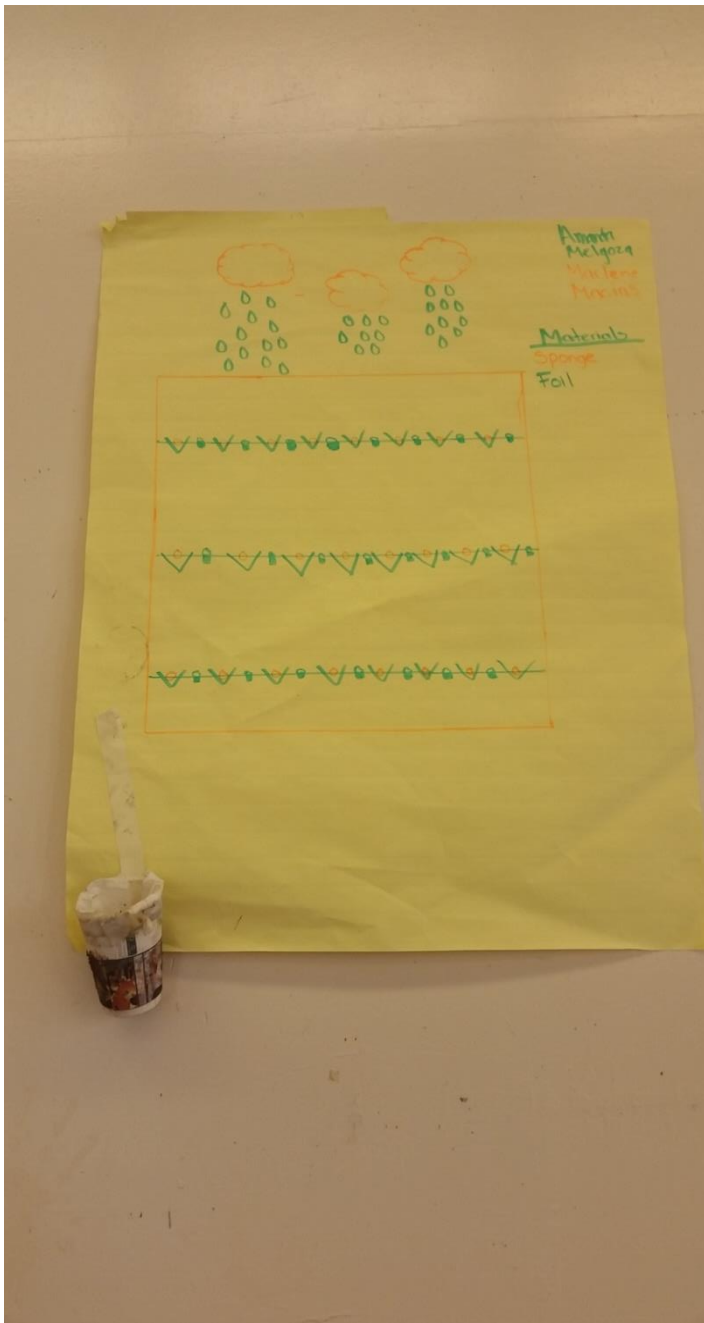
Ricardo Goyea and Emily Hernandez
Irrigation Plan

We collected 4 bottles
then we poked holes so
it can get the water out
and into our seeds. It's
kinda like sprinklers but
creating our way.

I could absorb through
the holes and come out
and give water to the
seeds

Amanda Melgoza and Liliana
Godinez Irrigation Plan

“Embedding cups within the garden to capture moisture from the morning mist and fog to help build up water over time and use it for the garden to conserve the usage of water. The cups will be underground with just the surface peeking out. Planning to cover the cups with paper coffee filters so that when the air is cool and moist enough it can pass by the filters and as the day warms up the moisture will drop in the cups with holes and allow the water to pass through to the soil”



Liliana Godinez and Alondra Cervantes Irrigation Plan

