Fresh From The Balcony a Vertical Garden Project

What Did We Create?

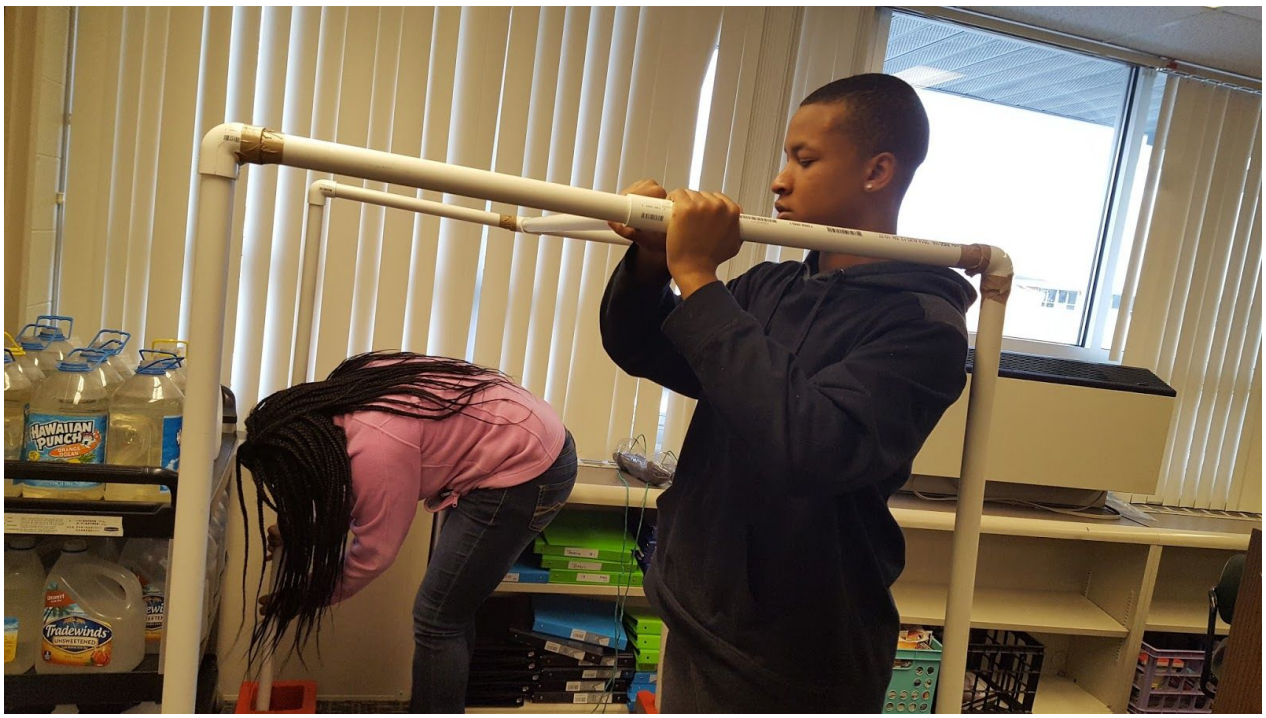
We built a vertical garden under $20 while also using as little space as possible. The premise of this project was to create a vertical garden for people who live in small spaces such as apartments, condominiums, or even mobile homes.

Resources and Research...

- http://gardenculturemagazine.com/growology/indoor-garden-design-build/8-ways-to-grow-in-coke-bottles
- https://themicrogardener.com/12-reasons-why-you-should-garden-vertically
- http://www.urbanorganicgardener.com/2009/08/starting-a-hanging-herb-garden-using-recycled-soda-bottles/ (gives instruction on how to create a hanging herb garden.)
- http://www.sarahclawrence.com/how-to-build-a-diy-vertical-garden/

How Did We Do It?

We bought three 10ft pvc pipes, cut two of them in half and made those the legs to hold up the whole project. The remaining 10 ft pipe was cut to four feet and became the center support connecting the two ends. The legs were connected with two 18 inch pipes. All pipes were connected using elbow and T pvc connectors.



Why Create a Vertical Garden?

So why should you start a vertical garden (other than the fact that it saves space)? Well, creating and maintaining a vertical garden is not only a very easy task but also a very fun, good experience. You are not only growing your own food, free of pesticides and any other chemicals but you are also saving a lot of money that you would otherwise spend on vegetables and fruits. Also a vertical garden can be used as another source of income by selling the food that you grow, if that's not needed you can share with your neighbors.

Changes/Future Plans

For our vertical garden, we have multiple plans and changes that we will implement in the future. One of which would be a project that involves scaling it down and making the garden as a whole, more sturdier. We will show how the plants grow in updates coming next semester.