STEM Project – Create a Community Garden  
Write Up

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| 1. What will your garden consist of, be specific. Make reference to your landscape plan/drawing. How many square inches of usable space will you end up having? What concepts were you introduced to in the class might you be utilizing? (string gardening, trellis gardening, self-watering, vertical gardening) |
| Response: My garden plans will consist of many varieties of plants. I’ll have a grape trellis by the 2 dead trees by the mailbox. Behind that will be various bushes such as blueberry, raspberry, and jalapeno bushes. Next to the entrance sign there be a few peach trees. Next to the huge shrub pod, a few cherry trees will sit. On the old drive way I’ll put 4 raised beds. That will consist of carrots, tomatoes, onions, and lettuce. On the eastern side of the property, there will be a row of apple trees. Next to that that there will be a sweet potato and potato beds. The amount of usable space will be 2756522.445 square feet. |
| 1. How have you dealt with the constraints? Those include the driveway, the trees, and the lack of water. Make sure to address each in your response. |
| Response: The problems in the area will can easily be dealt with. Over the driveway, we can put raised garden beds. The dead trees by the mailbox will have grape trellises. With the lack of water we have researched a simple water technique that involves 2 gallon buckets per plant which are very cheap. |
| 1. Evaluate the weather. How do you think a typical Indiana growing season will impact your garden? |
| Response: A typical Indiana growing season will go really good with the plants we’re going to use. It’ll help the plants need a lot of sunlight because are part of the country receive a lot of sunlight. And for the plants that do better in the cold, Indiana also has cold winters. |
| 1. What do you estimate the cost of your garden project to be? (You may have to do additional research). Include additional source links if necessary. |
| Response: The cost of the entire project is going to cost about $397.78 including the trellises and raised garden beds. |
| Sources/Links: noursefarms.com [www.lowes.com](http://www.lowes.com) Jet.com [www.gardenharvestsupply.com](http://www.gardenharvestsupply.com) www.burpee.com |
| 1. When you began this STEM project, what did you already know? |
| Response: I didn’t know a lot about gardening about this. All I really knew was when Indiana’s growing season was. I know how plants grow. I know how to calculate the total area of places. |
| 1. What did you learn as you worked through this project? |
| Response: During this project I learned a lot. I learned different ways to grow plants, such as string gardening, trellises, and raised garden beds. I learned how much the cost of removing and putting things in. |

Client Letter -  
Write the Client (Dr. Strietelmeier) a letter. Explain to him why he should or should not allow us to grow a community garden. Use proper business letter formatting.  
  
Business Letter Sample: http://www.yourmomhatesthis.com/images/Business-Letter-Format-020b1.gif