

Santa Clara County 4-H Youth Development Program  
Level I Horticulture Proficiency  
2007

Date Completed/  
Project Leader  
Initials

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- \_\_\_\_\_ 1. Identify the stem, leaf, and node using a diagram or plant.
- \_\_\_\_\_ 2. Identify two important requirements a plant needs to live.  
Demonstrate how to plant a seed.
- \_\_\_\_\_ 3. Demonstrate basic watering tools, e.g., fan sprinkler, watering wand, watering can. Explain the specific benefits of using these tools and how you might use them.
- \_\_\_\_\_ 4. Explain when to water your plants so that the water doesn't evaporate or cause disease on the leaves.
- \_\_\_\_\_ 5. Name two common weeds and how you would remove them.
- \_\_\_\_\_ 6. Name and describe two garden pests. Explain how you would keep their populations under control? Explain what impact your pest control choice will have, if any, on the environment.
- \_\_\_\_\_ 7. Demonstrate how you would pick a place to put a vegetable garden.
- \_\_\_\_\_ 8. Demonstrate how to prepare a hole and plant a tree at the right depth.
- \_\_\_\_\_ 9. Pick out six vegetables. Describe whether we eat the stem, leaf, root, and/or fruit on each vegetable.
- \_\_\_\_\_ 10. Explain why cactus and houseplants fit into the environments in which they grow. What about their shape, thickness of leaves and size of leaves, makes it easy for them to live?
- \_\_\_\_\_ 11. Demonstrate safety with tools. Explain how you use a hoe in a group and demonstrate how to walk with pruning shears and loppers. Explain the consequences of grabbing a sharp tool from another person.

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- \_\_\_\_\_ 12. Do one of the following:
- a. Plant related demonstration or talk
  - b. Lead a tour of your Horticulture Project
  - c. Represent 4-H for horticulture
  - d. Do a newspaper article about plants
  - e. Promote your Horticulture Project in the ***Timely Topics*** or your local community paper.
- \_\_\_\_\_ 13. Explain what went well in your Horticulture Project, what didn't go well, and what you might do differently next year for your Horticulture Project. Show information in your record book.
- \_\_\_\_\_ 14. Participate in a community service/citizenship activity related to the project; i.e., grow a row, donate to Second Harvest or a food kitchen, plant for aesthetics at a community park, school, nursing home, create a historical garden or support a group maintaining a public area for a day, pick up trash or revitalize an area by planting the area.
- \_\_\_\_\_ 15. Attend any 4-H event outside of your club, (doesn't need to be in Horticulture Project).

Members Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_