



Nevada County 4-H *Plant Science* Proficiency Program



LEVEL I – EXPLORER

NAME: _____

CLUB: _____

PROJECT: _____

PRIMARY MEMBERS ARE NOT ELIBIGLE TO PARTICIPATE IN PROFICIENCY PROGRAMS.

1. Identify and describe 3 species of trees or plants.

- 1. _____
- 2. _____
- 3. _____

2. Using a diagram or live example, identify the parts of a plant.

_____ _____
Project leader's signature *date*

3. Describe the basic requirements for good soil.

4. Describe the basic garden preparation and maintenance equipment a beginner gardener needs.

5. Explain the nutritional requirements of your plants.

6. Explain how to tell when your plant is ill and where to look for a solution.

7. Describe the life cycle of a plant starting with a seed and ending with a mature plant.

8. Find and use an organic way of fighting insect pests.

9. Label six plants with both the Latin and the common names for each.

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

10. Submit management records for a minimum of 90 days that indicates how often you provide water, fertilizer, weed control, and general care to your garden.

_____	_____
<i>Project leader's signature</i>	<i>date</i>

11. Demonstrate basic pruning techniques of and equipment necessary for your plants.

_____	_____
<i>Project leader's signature</i>	<i>date</i>

12. Define fifteen important, basic terms used in your project area.

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____
11.	_____	_____
12.	_____	_____
13.	_____	_____
14.	_____	_____
15.	_____	_____

13. Explain two common courtesies when working with a group.

1. _____
2. _____

14. Describe how to safely use three tools for gardening.

1. _____
2. _____
3. _____

15. Share one aspect of your project with other project members.

What I did: _____

Project leader's signature *date*

Congratulations!
You have completed Level I of the Plant Science
Proficiency Program.

Name _____ Age _____

Club _____

Project _____

Project Leader's _____
Printed Name Signature

Date _____

County Coordinator's _____
Printed Name Signature

Date _____