

Forestry - 1st Year Proficiency

Name _____ Club _____ Date _____

Date/Initials

TREE BIOLOGY

1. Define photosynthesis and explain what it is and how it works. _____
2. Give three examples of evergreen conifers, broadleaf evergreens, and broadleaf deciduous type trees. _____
3. List the main parts of a conifer and a hardwood tree and explain the function of each part. _____
4. Explain the growth patterns of five tree cookies. _____

FOREST ECOLOGY

5. What are the main elements of a healthy, sustainable forest? _____
6. Define what the forest canopy is, and who lives there. _____
7. What does the forest do for a watershed? _____
8. What is a Habitat? What kinds of animals live in an oak forest? A redwood forest? A pine forest? Compare. _____

APPLIED FORESTRY

9. What is a cruising vest and list some of the tools in it. _____
10. What are the proper tools needed for cutting down trees in the forest and what safety aspects should you consider? _____
11. What is F.B.I. in the forest? Name some of each. _____

WOOD UTILIZATION

12. How many trees does the average American use per year?
How big a tree? _____
13. Name forty tree products. _____

ACTIVITIES

1. Visit an active logging site. _____
2. Visit a Forestry Station. _____
3. Give a demonstration at the County level. _____
4. Go on a nature trail hike. _____
5. Make a collection from the forest and show it to your club. _____