

Yellow = Junior  
Blue = Senior

Name \_\_\_\_\_ School \_\_\_\_\_

### Forestry Equipment Identification

Each tool has a number associated with it. Be sure to put the name of the tool on the correct line. You have a maximum of 1.25 minutes per sample. You will receive 2 points for correct identification, 1 point for correct spelling, and 2 points for correct function. The shaded columns are for the judge's use only. Do not write in those columns. **PRINT all answers.**

#	Tool ID	ID (2 pt.)	Spelling (1 pt)	Function (Select from list)	Function (2 pts)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
	Totals				

Total score

\*Back of Forestry Equipment Identification Scoresheet.

Correct identification of the items will be determined by the judges in the event of an incorrect spelling. The judge's decision is final. Spelling will be based on the following list. The spelling is to be exactly as it appears including capitalization. Function will be selected from a list. Answers must be PRINTED.

timber cruising computer	fire swatter
fiberglass tape measure	Pulaski axe
fusee	fire rake
tree injector	log scale
chainsaw	staff compass
clinometer	tree planting bar
tree caliper	hip chain
diameter tape	
increment borer	
bark guage	
plastic flagging	
backpack fire pump	
fire weather kit	
altimeter	
drip torch	
mirror sighting compass	
safety glasses	
tree marking gun	
plainmeter	
hard hat	
canthook	
Biltmore stick	

- |  |                                    |
|--|------------------------------------|
| a. measure height and diameter of standing trees | v. measures lengths                |
| b. measures tree diameter                        | w. chopping and grubbing firelines |
| c. extracts a core sample from logs              | x. removes litter and small trees  |
| d. measures bark thickness                       | y. seeing 3-d photo images         |
| e. collects position information from satellites | z. measures basal area per acre    |
| f. used on a staff to determine directions       | aa. measures elevation             |
| g. hand held device for determining directions   | ab. holds objects steady           |
| h. long distance communication                   | ac. planting seedlings             |
| i. measures volume of wood in a log              | ad. measures area on maps          |
| j. used to roll logs by hand                     | ae. prevents cuts on legs          |
| k. cuts trees and logs                           | af. protects eyes, ears and head   |
| l. protects eyes                                 | ag. protects heads                 |
| m. lights backfires with liquid fuel             | ah. shows species composition      |
| n. measures weather conditions                   | ai. lights backfires w/o liquid    |
| o. carries and sprays water for fires            | aj. smothers fires                 |
| p. measures distances as you walk                | ak. measures angles                |
| q. measures angles and slopes                    | al. marks plots                    |
| r. applies herbicide into tree bark              | am. shows elevation on paper       |
| s. used to control direction of felling          | an. shows soil types               |
| t. shows roads                                   | ao. collects data in field         |
| u. shows rock structures                         |                                    |