

Forestry Key Point 2 Correlation to National Science Standards

Key National Science Standard (NSS)

UC	Unifying Concepts
I	Inquiry
P	Physical Science
L	Life Science
E	Earth & Space Science
ST	Science & Technology
SP	Personal & Social Perspective
H	History & Nature of Science

Learning Objectives:	Key Point 2: Forestry Ecology	Activity	NSS	Topic
1.	Know the typical forest structure: canopy, understory and ground layers and crown classes.	Study of living systems	I, E, L, UC	Matter and energy and organization in living systems
2.	Understand forest ecology concepts and factors affecting them, including the relationship between soil and forest types, tree communities, regeneration, competition, and primary and secondary succession.	Study, Drawing and presentation	E, L, UC	Cycles, order & organization, Environmental quality
3.	Identify the abiotic and biotic factors in a forest ecosystem, and understand how these factors affect tree growth and forest development. Consider factors such as climate, insects, microorganisms, and wildlife.	Project Learning Tree Activity	P, E, L, UC, SP	Interdependence of Organisms, Behavior of organisms, Environmental Quality