

KEY FOREST LITERACY PLAN CONCEPTS FOR GRADES 6-8



The following concepts from the Forest Literacy Framework have direct connections to Next Generation Science Standards (NGSS) in the United States, to provincial science standards in Canada and to Social Studies standards in both countries. Note that many concepts also support English Language Arts, and Mathematics standards as well.

<i>Forest Literacy Framework Concept</i>	Subject	Topic	Core Idea	Standard (If Applicable)
Theme 1, C.1	Science	Interdependent Relationships in Ecosystems	Organisms, and populations of organisms, are dependent on their environmental interactions both with other living things and with nonliving factors.	NGSS: <u>MS-LS2-1</u>
Theme 1, C.3	Science	Organization for Matter and Energy Flow in Organisms	Plants, algae, and many microorganisms use the energy from light to make sugars through the process of photosynthesis.	NGSS: <u>MS-LS1-6</u>
Theme 1, C.5	Science	Ecosystem Dynamics, Function, and Resilience	Ecosystems are dynamic in nature; their characteristics can vary over time.	NGSS: <u>MS-LS2-4</u>
Theme 2, A.4	Science	The Roles of Water in Earth's Surface Processes	Water continually cycles between land, ocean, and atmosphere via transpiration, evaporation, condensation, and precipitation.	NGSS: <u>MS-ESS2-4</u>
Theme 2, C.6	Social Studies	Economics: Economic Decision Making	Economic decisions affect the well-being of individuals, businesses, and society.	See local standards
Theme 3, C.1	Social Studies	Civics: Processes, Rules, and Laws	Rules and laws are a means of addressing public problems.	See local standards
Theme 3, E.4	Science	Developing Possible Solutions	There are systematic processes for evaluating solutions with respect to how well they meet the criteria and constraints of a problem.	NGSS: <u>MS-LS2-5</u>