

Soils/Land Use Key Point 1 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 Objective	Key Point 1: Physical Properties of Soil and Soil Formation	Activity	NSS	Topic
1.	Understand the importance of soils and appreciate the relatively small amount of usable soil that exists on Earth.	Study	I, SP	Inquiry, History & Nature of Science
2.	Know the five soil forming factors, and how these factors influence soil properties.	Study and Presentation	E	Geochemical cycles
3.	Understand the origin and types of soil parent materials.	Study	UC, P, E, H	Earth Science
4.	Understand basic soil forming processes: additions, losses, translocations, and transformations.	Field analysis	I, UC, L, E	Systems, order and organization
5.	Recognize and understand features of Soil Profiles, and be able to use this information to determine basic soil properties and limitations.	Field analysis	UC, I, P, SP	Environmental quality
6.	Identify and describe soil characteristics: (texture, structure, and color- using Munsell color charts.	Field study and soil analysis	UC, E	Form and Function