

Soils/Land Use Key Point 4 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 4: Soil Conservation and Soil Management	Activity	NSS	Topic
1.	Compare different land uses and conservation practices and their impact on soils and erosion.	Study of land use and BMP	E, SP	Environmental quality Personal and social perspective
2.	Understand how soil is impacted by point & non-point source pollution & the importance of soil management to agriculture and clean water.	Discussion and field study	E, UC	Natural Resources, Environmental quality, Natural & human hazards, Personal and social perspective
3.	Understand that soil management and environmental protection requires agricultural and resource managers to use spatial tools such as Geographic Information Systems (GIS), and Global Positioning Systems (GPS) in order to make the best possible resource decisions.	Map study and use of technology	I, E, ST, U	Unifying concepts Understandings about Science and Technology
4.	Learn about career opportunities & the role of government in natural resources management.	Inquiry and study	SP, ST	Personal and Social Perspective