

## A Growing Concern: Sustaining Soil Resources through Local Decision Making: Module Activities

### Unit 1: Impact of Land Use (   points)

#### Date Due

#### Points

Pre-Work: No Activity

None

None

In-Class Activity: Response Table

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Homework: Earth's Spheres

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### Unit 2: Soil Characteristics and Their Relationship to Land Use Practices (   points)

Pre-Work: Reading: "What is Soil?"

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In-Class Activity: "How Full is Full?"

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Homework: Mgmnt. to Minimize Soil Compaction  
(NebGuide)

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### Unit 3: Exploring Natural and Agricultural Erosion Rates (   points)

Pre-Work: None

None

None

In-Class Activity: Think-Pair-Share Erosion Activity

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In-Class Activity: Geospatial Erosion Examination

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Homework: Erosion Reflection Questions

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### Unit 4: Investigating the Soil Beneath You (   points)

Pre-Work: Soil Organic Carbon

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In-Class Activity: Introduction to SoilWeb™

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In-Class Activity: Soil Property Jigsaw

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Homework: Soil in Balance Exit Questions

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## **A Growing Concern: Sustaining Soil Resources through Local Decision Making: Module Activities**

### Unit 5: Predicting the Effects of Climate Change on Soil Loss ( 10 points)

Pre-Work: RUSLE Factors Homework	_____	_____
In-Class Activity: Guided Notes	_____	_____
Homework: Systems	_____	_____

### Unit 6: Applying What You've Learned: Creating an Agricultural Fact Sheet ( 10 points)

In-Class Activity: "Brain Dump"	_____	_____
In-Class Activity: Chunking Worksheet	_____	_____
Homework: Fact Sheet	_____	_____
Homework: Final Reflection	_____	_____