

## Course Overview Activity Tracking Sheet

| <u>Unit 1: Impact of Land Use (  points)</u>  | <u>Date Due</u> | <u>Suggested Points</u> | <u>Assessment</u> |
|---|-----------------|-------------------------|-------------------|
| Pre-Work: No Activity   | <u>None</u>     | <u>None</u>             |                   |
| In-Class Activity: Response Table   | <u>      </u>   | <u>Not graded</u>       | <u>Formative</u>  |
| Homework: Earth’s Spheres   | <u>      </u>   | <u>  5  </u>            | <u>Formative</u>  |
| <br>  |                 |                         |                   |
| <u>Unit 2: Soil Characteristics and their Relationship to Land Use Practices (  points)</u> |                 |                         |                   |
| Pre-Work: Reading: “What is Soil?”  | <u>      </u>   | <u>  5  </u>            | <u>Formative</u>  |
| In-Class Activity: “How Full is Full?”  | <u>      </u>   | <u>Not graded</u>       | <u>Formative</u>  |
| Homework: Mgmt. to Minimize Soil Compaction (NebGuide)                                      | <u>      </u>   | <u> 10 </u>             | <u>Summative</u>  |
| <br>  |                 |                         |                   |
| <u>Unit 3: Exploring Natural and Agricultural Erosion Rates (  points)</u>                  |                 |                         |                   |
| Pre-Work: None  | <u>None</u>     | <u>None</u>             |                   |
| In-Class Activity: Think-Pair-Share Erosion Activity  | <u>      </u>   | <u>Not graded</u>       | <u>Formative</u>  |
| In-Class Activity: Geospatial Erosion Examination   | <u>      </u>   | <u>Not graded</u>       | <u>Formative</u>  |
| Homework: Erosion Reflection Questions  | <u>      </u>   | <u>  5  </u>            | <u>Summative</u>  |
| <br>  |                 |                         |                   |
| <u>Unit 4: Investigating the Soil Beneath You ( X points)</u>                               |                 |                         |                   |
| Pre-Work: Soil Organic Carbon   | <u>      </u>   | <u> 12 </u>             | <u>Formative</u>  |
| In-Class Activity: Introduction to SoilWeb™   | <u>      </u>   | <u>Not graded</u>       | <u>Formative</u>  |
| In-Class Activity: Soil Property Jigsaw   | <u>      </u>   | <u>Not graded</u>       | <u>Formative</u>  |
| Homework: Soil in Balance Exit Questions  | <u>      </u>   | <u>  5  </u>            | <u>Summative</u>  |

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

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

|                                  |       |                   |                  |
|----------------------------------|-------|-------------------|------------------|
| Pre-Work: RUSLE Factors Homework | _____ | <u>5</u>          |                  |
| In-Class Activity: Guided Notes  | _____ | <u>Not graded</u> |                  |
| Homework: Systems                | _____ | <u>10</u>         | <u>Summative</u> |

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

|                                       |       |                   |                  |
|---------------------------------------|-------|-------------------|------------------|
| In-Class Activity: "Brain Dump"       | _____ | <u>Not graded</u> |                  |
| In-Class Activity: Chunking Worksheet | _____ | <u>Not graded</u> |                  |
| Homework: Fact Sheet                  | _____ | <u>50</u>         | <u>Summative</u> |
| Homework: Final Reflection            | _____ | <u>5</u>          | <u>Formative</u> |