Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Soil Webquest Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Before you start this web quest you have to type in and open <http://www.soil-net.com> and then click on **Secondary.**

Link 1: What is Soil?

A. What is Soil?

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B. Define Lithosphere

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C. List 4 things that make up soil.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

D. List 4 uses of soil.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E. What does a farmer and engineer think about soil?

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F. Take Quiz.

Score \_\_\_/8

Link #2 Function of Soil

A. List five functions of soil.

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| 1.  |
| 2. |
| 3. |
| 4. |
| 5. |

Link #3 Recognizing Types of Soil (Horizons)

A. What does a soil horizon mean?

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(Link 3 Continued)

B. What is in each horizon?

Horizon O (organic)

Horizon A (topsoil)

Horizon B (Subsoil)

Horizon C (Parent Material)

Horizon D (Bedrock) Not listed

C. What is a soil profile?

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D. Take Quiz

Score \_\_\_\_/8

Link 4 Properties of Soil

A. What is soil texture?

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B. List the 4 main components of soil texture

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| 1. |
| 2. |
| 3. |
| 4. |

Link 5 Soil Under a Microscope

A. List soil fragments from largest to smallest

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| 1. |
| 2. |
| 3. |
| 4. |

Link 6 Soil Character

A. List the two most important properties of soil and define each?

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