

OJT Training Module Cover Sheet

Title: 1105 How to key down from landscapes to landforms to associated soil map units and soil components in your area.

Type: Skill Knowledge

Performance Objective: Trainee will be able to...

- Relate landscapes and landforms with appropriate map units and components in his or her local area.

Target Proficiency:

- Awareness Understanding Perform w/ Supervision
 Apply Independently Proficiency, can teach others

Trainer Preparation:

- Have soils key, block diagrams, cross sections, catena charts, surficial geology maps, topographic maps, and GIS-based soil-landscape models from your survey area available for review and discussion as they apply to your area.
- Plan for a field trip to view the areas shown on maps.

Special Requirements:

Initiate an external learning request with a SF-182 in Aglearn for this activity. Instructions and a template are located on the training webpages for OJT modules.

Prerequisite Modules:

- 1101 Understanding map units, delineations, and the components within your survey area.
- 1103 Understand the relationship of the factors of soil formation in your soil survey area.
- 1104 How to identify landscapes, landforms, and surface morphometry.

Notes:

Additional skill development is available in OJT modules:

- 004 How to use a soils key for your soil survey area.
- 024 The concepts of landscape models and soil catenas.

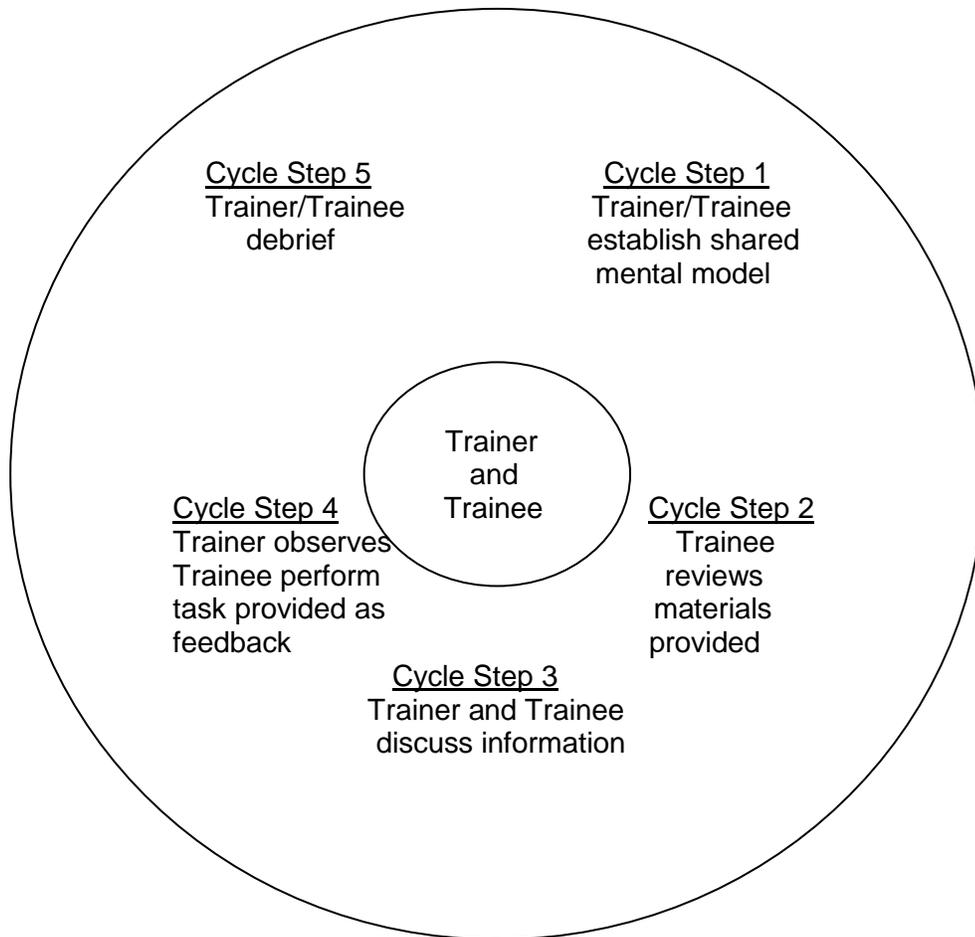
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The Five-Step OJT Cycle for Declarative Training (Knowledge)



OJT Module Lesson

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WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	Trainer and trainee review objectives of module.
Cycle step 2	Have trainee review the soils key and any block diagrams, cross sections, catena charts, or GIS-based soil-landscape models available for the survey area.
Cycle step 3	<p>Trainer discusses review materials with trainee and how they can be used. Completion of the prerequisites should make review of the materials go quickly.</p> <p>Trainer selects an area on a topographic map and, in conjunction with the geology map, identifies the landscape and landforms in a given area as a demonstration. Then trainer utilizes available soil key or catena chart to identify the associated map units and soil components in that area. Block diagrams, cross-sections, and landscape models can help to perform this task.</p> <p>Incorporate a field trip to review these findings.</p>
Cycle step 4	<p>Ask the trainee to use the methods demonstrated to describe the landscape, landform, map units, and soil components for different locations in the survey area.</p> <p>Ask the trainee to describe what tools he or she is using and what these tools indicate.</p>
Cycle step 5	Trainer can debrief trainee and address any concerns. Repeat the steps above until the trainee understands the materials used and is comfortable using them.

OJT Module Lesson Measurement of Learning

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WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Trainee's learning is measured.	Have the trainee complete the quiz below to reinforce the concepts in this module.

SF-182

Trainee and/or supervisor access Aglearn to verify completion of the module via its SF-182.

Quiz

1. True or False? A landscape may consist of one or more landforms.
2. True or False? A map unit may consist of more than one soil component.
3. True or False? Block diagrams help to display geographically associated soils on the landscape.