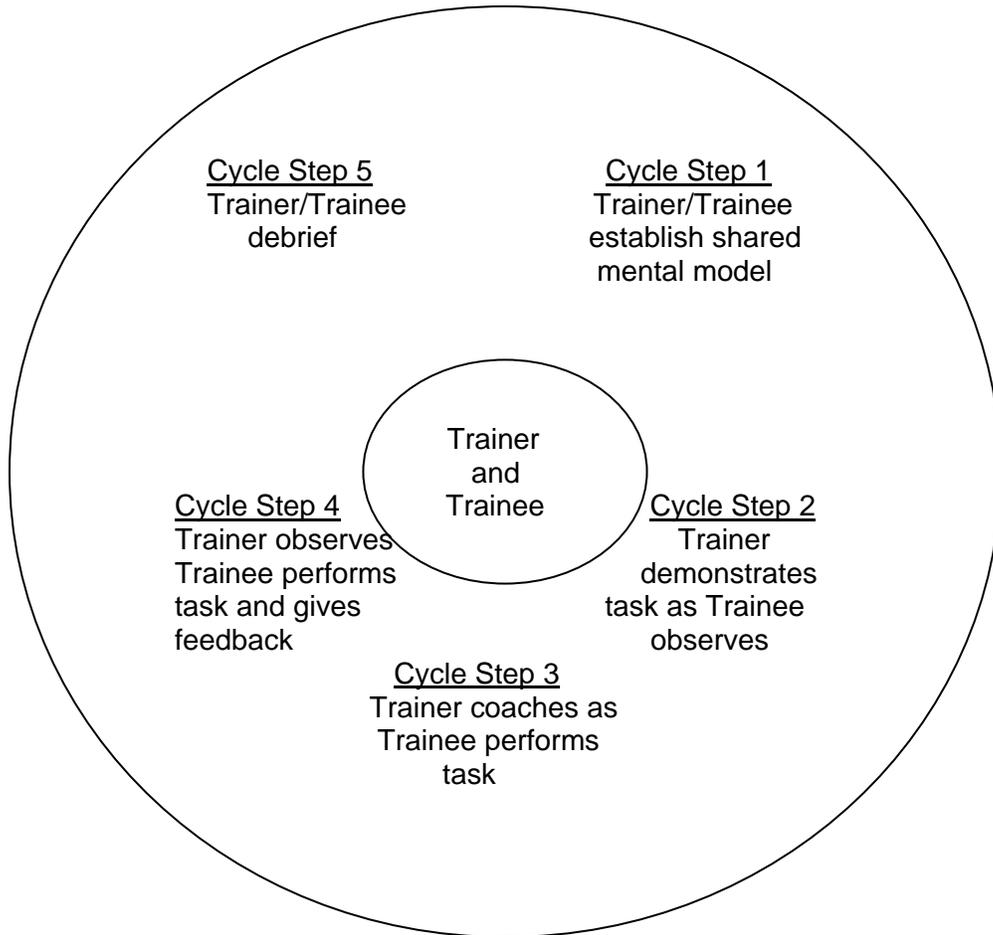


OJT Training Module Cover Sheet

Title: 110 How to describe concentrations.
Type: <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge
Performance Objective: Trainee will be able to ... <ul style="list-style-type: none">• Describe and record concentrations using the Munsell Soil-Color Charts and the <i>Field Book for Describing and Sampling soils</i>.
Target Proficiency: <input type="checkbox"/> Awareness <input type="checkbox"/> Understanding <input type="checkbox"/> Perform w/ Supervision <input checked="" type="checkbox"/> Apply Independently <input type="checkbox"/> Proficiency, can teach others
Trainer Preparation: <ul style="list-style-type: none">• Trainer should be familiar with the assigned reading/review material in the lesson plan that follows.• Have soil samples and field locations with pit, trench, road cut, or auger borings available.• Have the Munsell Soil-Color Charts available.• Have the <i>Field Book for Describing and Sampling Soils</i> available.• Have hardcopy of the 232 soil description form or Pedon PC available.
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: <ul style="list-style-type: none">• 101 How to use the Field Book for Describing and Sampling Soils.• 102 How to fill out a 232 soil description form.• 106 How to use the Munsell Soil Color Charts to describe soil colors.
Notes: None
Authors: Marc Crouch
Approved by: Shawn McVey

The Five-Step OJT Cycle for Procedural Training (Skill)



OJT Module Lesson

Title: **110 How to describe concentrations.**

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainee should access via the internet and read Soil Survey Manual, Chapter 3 section on Concentrations.</p> <p>Access hardcopy or via the internet and review discussion and description sections for concentrations in the <i>Field Book for Describing and Sampling Soils</i>.</p>
Cycle step 2	Do the following:
1. Review what can be recorded according to the Field Book and SSM.	Note that kind, quantity (percent of area covered), size, contrast, color, moisture state, shape, location, hardness, and boundary are usually recorded.
2. Demonstrate how to describe and record the concentrations occurring in the survey area.	<p>Do this in the field.</p> <p>Discuss what kinds (finely disseminated, masses, nodules, concretions, crystals, biological, inherited minerals) of concentrations occur in the survey area.</p>
Cycle step 3	Coaching the trainee, have the trainee describe and record concentrations as appropriate in the survey area.
Cycle step 4	<p>Repeat cycle step 3 without coaching.</p> <p>During project activities, assign the trainee the task of describing concentrations as soil descriptions are completed.</p>
Cycle step 5	Answer any questions. Repeat any steps as necessary.

OJT Module Lesson Measurement of Learning

Title: 110 How to describe concentrations.

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Describe concentrations routinely during project activities.	During project activities, assign this task to the trainee. Sign off on performance when target proficiency is achieved.

SF-182

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