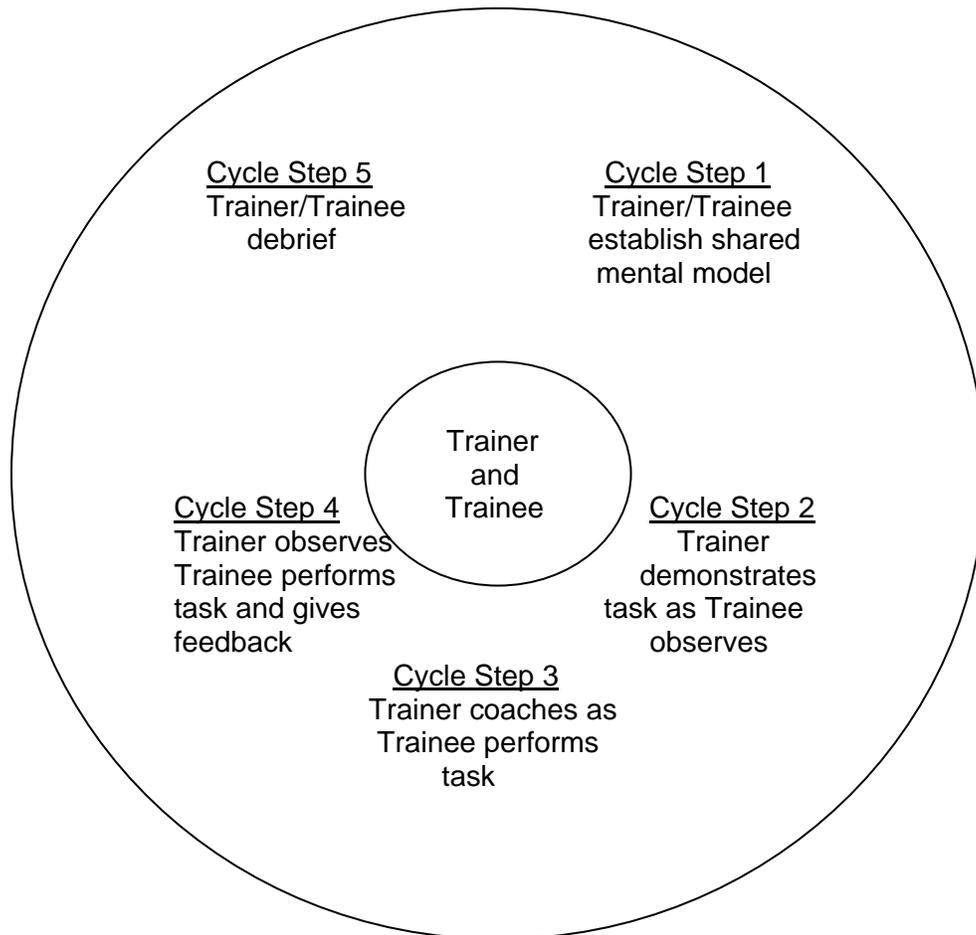


## OJT Training Module Cover Sheet

<b>Title:</b> 123 Soil Consistence: How to describe soil stickiness and plasticity.
<b>Type:</b> <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge
<b>Performance Objective:</b> Trainee will be able to ... <ul style="list-style-type: none"><li>• Describe and record soil stickiness and plasticity using the <i>Field Book for Describing and Sampling Soils</i>.</li></ul>
<b>Target Proficiency:</b> <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
<b>Trainer Preparation:</b> <ul style="list-style-type: none"><li>• Trainer should be familiar with the assigned reading/review material in the lesson plan that follows.</li><li>• Have soil samples and field locations with pit, trench, road cut, or auger borings available.</li><li>• Have the <i>Field Book for Describing and Sampling Soils</i> available.</li><li>• Have hardcopy of the 232 soil description form or Pedon PC available.</li></ul>
<b>Special Requirements:</b> 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.
<b>Prerequisite Modules:</b> <ul style="list-style-type: none"><li>• 101 How to use the <i>Field Book for Describing and Sampling Soils</i>.</li><li>• 102 How to fill out a 232 soil description form.</li></ul>
<b>Notes:</b> None
<b>Authors:</b> Cathy Seybold Marc Crouch
<b>Approved by:</b> Shawn McVey

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



## OJT Module Lesson

Title: <b>123 Soil Consistence: How to describe soil stickiness and plasticity.</b>	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainee should access via the internet and read <b>Soil Survey Manual, Chapter 3</b> section on <b>soil consistence</b>.</p> <p>Access hardcopy or via the internet and review material about <b>soil consistence</b> in the <i>Field Book for Describing and Sampling Soils</i>, with emphasis on <b>stickiness and plasticity</b>.</p>
Cycle step 2	Do the following:
1. Review what can be recorded according to the Field Book and SSM.	<p>Note the description and criteria given in each table for stickiness and plasticity. Note the historical footnote for both. Point out to the trainee that he or she will see the older terminology in older descriptions and that a conversion must be made in each case.</p> <p>Note the visual aids for “roll/wire” thickness and length for use in estimating plasticity.</p>
2. Demonstrate how to describe and record stickiness and plasticity following the Field Book instructions.	<ul style="list-style-type: none"> <li>• Estimate each in the field.</li> <li>• Record each on the 232 soil description form.</li> </ul>
Cycle step 3	Coaching the trainee, have the trainee describe and record stickiness and plasticity 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 and recording stickiness and plasticity as soil descriptions are completed.</p>
Cycle step 5	Answer any questions. Repeat any steps as necessary.

## OJT Module Lesson Measurement of Learning

Title: **123 Soil Consistence: How to describe soil stickiness and plasticity.**

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Describe stickiness and plasticity 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.