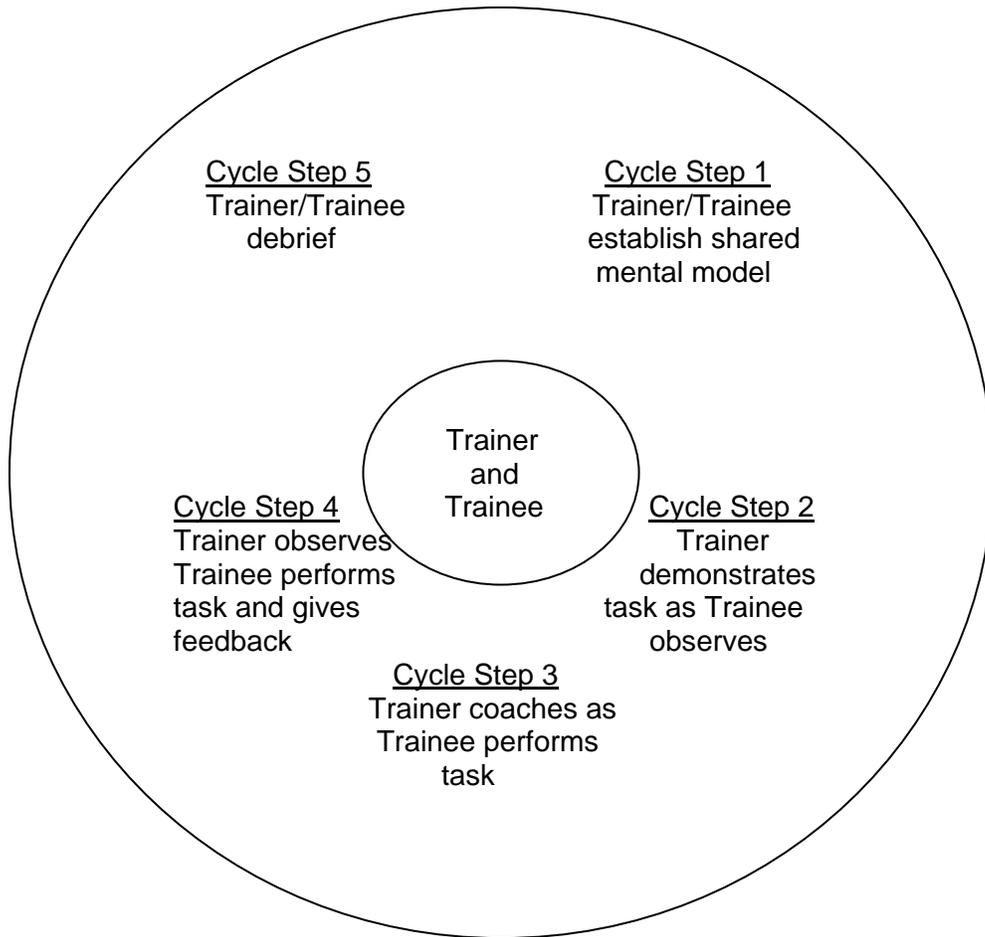


## OJT Training Module Cover Sheet

<b>Title:</b> 103 How to create sketches for a 232 soil description.
<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>• Utilize sketching to visualize landscape and/or pedon related information in support of a soil pedon description.</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>• Have the <i>Field Book for Describing and Sampling Soils</i> available.</li><li>• Have hardcopy of the 232 soil description form 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> This module could be used in conjunction with the prerequisite modules listed above.
<b>Authors:</b> Marc Crouch
<b>Approved by:</b> Shawn McVey

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



## OJT Module Lesson

Title: **103 How to create sketches for a 232 soil description.**

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainer should review the Miscellaneous Field Notes/ Sketch part of the 232 soil description form with the trainee.</p> <p>Trainer should discuss the best current methods for capturing this information and how it is done in your soil survey area.</p> <p>Recommended options:            Option #1—capture via “pen and ink” on the 232 form; scan and save as a pdf file.</p> <p>Option #2—take digital photo of profile and electronically or upon hardcopy capture sketch information. If hardcopy is used, scan and save as pdf. If an electronic file is used, capture as jpg or pdf. In all cases, have a system in place to log and store this information for a time in the future when this information can be stored in NASIS or at some other location and linked to NASIS.</p>
Cycle step 2	Do the following:
1. Review examples of sketching.	Review the example of miscellaneous field notes and sketching in the example pedon description in a hardcopy or via the internet the <i>Field Book for Describing and Sampling Soils</i> . Review any examples of sketching available in your soil survey area.
2. Demonstrate sketching a profile and providing notes necessary to understand the sketch.	<p>Do these in conjunction with other soil description modules.</p> <p>Discuss sketching what is important. For example, sketching a part of a pedon that tells a story versus the whole pedon may be an option.</p> <p>Point out that the information captured is what is of value, not artistic ability.</p>
3. Demonstrate sketching a two- dimensional landscape/landform cross section and providing the notes necessary to explain the sketch.	
4. Demonstrate sketching a three-dimensional landscape/landform (block diagram) and providing the notes necessary to explain the sketch.	

Cycle step 3	Coaching the trainee, have the trainee sketch profile information, cross sectional information, and three-dimensional information complete with notes.
Cycle step 4	Repeat cycle step 3 without coaching.  During project activities, assign the trainee the task of sketching as soil descriptions are completed.
Cycle step 5	Answer any questions. Repeat any steps as necessary.

### **OJT Module Lesson Measurement of Learning**

<b>Title: 103 How to create sketches for a 232 soil description.</b>	
<b>WHAT</b>	<b>WHY, WHEN, WHERE, HOW, SAFETY, QUALITY</b>
Use sketching to capture soil pedon description information.	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.
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