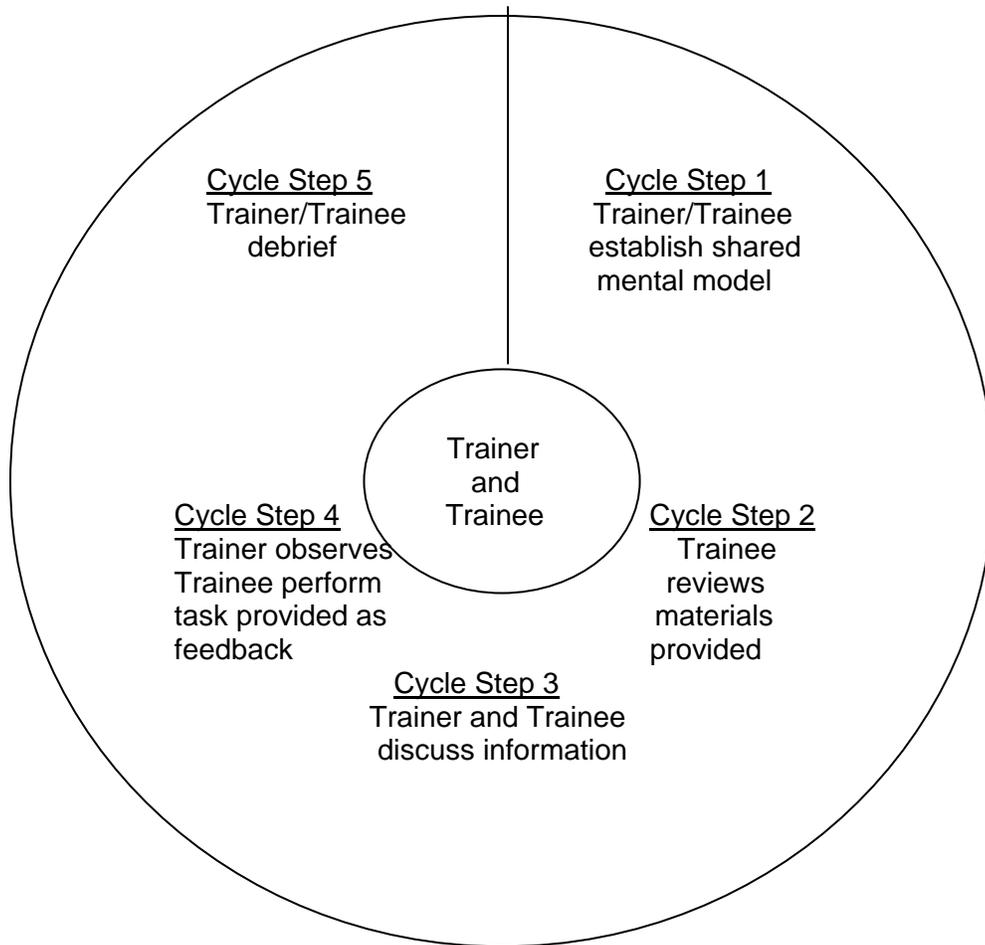


OJT Training Module Cover Sheet

Title: 212 How to develop a range of characteristics for a new soil series.
Type: <input type="checkbox"/> Skill <input checked="" type="checkbox"/> Knowledge
Performance Objective: Trainee will be able to... <ul style="list-style-type: none">• Understand how a range in characteristics (RIC) for a new soil series is developed under guidelines of the NCSS.
Target Proficiency: <input type="checkbox"/> Awareness <input checked="" type="checkbox"/> Understanding <input type="checkbox"/> Perform w/ Supervision <input 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 hardcopy and/or ecopy of OSDs from your survey area.
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">• 208 How to use the Official Soil Series Descriptions web pages.• 209 Understand the Official Soil Series Description.• 210 How to develop a new soil series.• 211 How to name a new soil series.
Notes: None
Authors: Marc Crouch
Approved by: Marc Crouch

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



OJT Module Lesson

Title: 212 How to develop a range of characteristics for a new soil Series.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	Trainer and trainee review the objective of this module. Trainee should access via the internet and review NSSH section 614. 06 regarding the soil series, noting that several parts of this are covered in related OJT modules. Read and concentrate on NSSH section 614.06 a and b and NSSH Exhibit 614-2 (e) , range in characteristics.
Cycle step 2	Select a tentative or newly established soil series in the survey area and review with the trainee the following tasks that went into developing the range of characteristics: <ul style="list-style-type: none"> • Was a similar soil series used as an initial template? • Gathering appropriate documentation. • Aggregating documentation by master horizon or subhorizon to determine the normal ranges for soil properties. • Establishing norms and class limits. • Incorporating appropriate lab data into the RIC section. • Ensuring that ranges in soil properties are no wider than the taxonomic family to which the new series belongs and are not so narrow as to be impractical for consistent identification. • Reviewing any MLRA soil survey regional office (MO) guidelines for developing a RIC section.
Cycle steps 3 & 4	Using a proposed soil series under development (or an established or tentative series in the process of revision if you have nothing new in process), have the trainee follow along with the process to develop or revise the range in characteristics to help achieve understanding.
Cycle step 5	Discuss what has been covered and what has been learned.

OJT Module Lesson Measurement of Learning

Title: **212 How to develop a range of characteristics for a new soil series.**

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Use Cycle step 4 above for measurement of learning.	Use this cycle step as your measurement of learning, remembering that this module is meant to be an overview of how a range in characteristics for a new soil series is developed.

SF-182

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