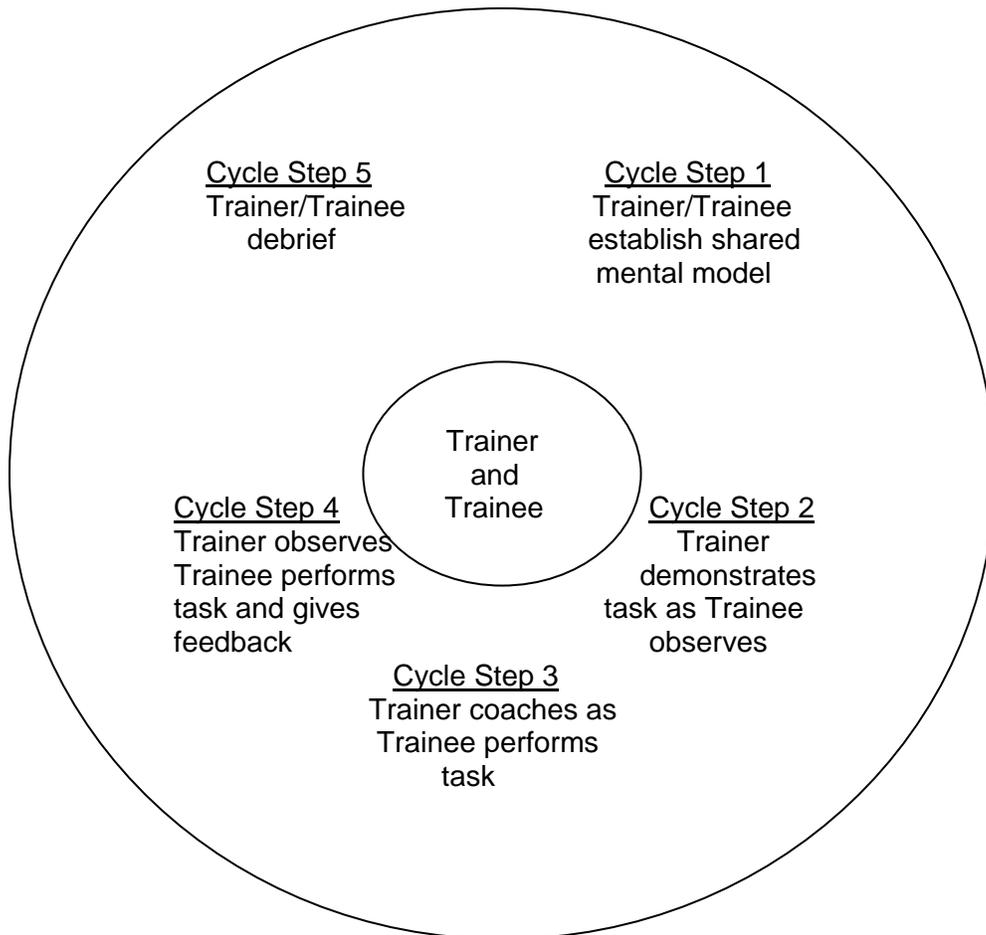


OJT Training Module Cover Sheet

Title: 130 How to describe soil crusts.
Type: <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge
Performance Objective: Trainee will be able to ... <ul style="list-style-type: none">• Understand the effect soil crusts have on soil quality and health.• Describe and record soil crusts using 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 field locations with pit, trench, or road cuts 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 <i>Field Book for Describing and Sampling Soils</i>.• 102 How to fill out a 232 soil description form.
Notes: None
Authors: Marc Crouch
Approved by: Shawn McVey

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



OJT Module Lesson

Title: **130 How to describe soil crusts.**

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainee should access via the internet (Soils/Home/Soil Health/Resources & Publications) and read the following to become familiar with soil crusts:</p> <ul style="list-style-type: none"> • Rangeland Soil Quality—Physical and Biological Soil Crusts • Soil Quality Indicators: Soil Crusts • Introduction to Microbiotic Crusts <p>Trainee should access hardcopy or via the internet and review:</p> <ul style="list-style-type: none"> • <i>Field Book for Describing and Sampling Soils</i> section on Soil Crusts
Cycle step 2	Do the following:
1. Review what can be recorded according to the Field Book and SSM.	Note that kind is described. Additionally, descriptions could include rupture resistance (surface crusts and plates), porosity (kind), size, diameter, thickness, amount (cross-sectional ground coverage), and color.
2. Demonstrate how to describe and record soil crusts as found in the survey area.	Do this in the field.
Cycle step 3	Coaching the trainee, have the trainee describe and record soil crusts as appropriate in the survey area.
Cycle step 4	<p>Repeat cycle step 3 without coaching at another location.</p> <p>During project activities, assign the trainee the task of describing and recording soil crusts as soil descriptions are completed.</p>
Cycle step 5	Answer any questions. Repeat any steps as necessary.

OJT Module Lesson Measurement of Learning

Title: **130 How to describe soil crusts.**

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Describe soil crusts 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.