

SAM-2 Learning Outcome Rubrics

Instructions

Learning outcome rubrics will be completed at 3 points during the tutorial (see Timeline in the Tutor Guide).

When completing the rubrics, tutors should indicate their name and the student's name on the ratings. If PTP rating is being done, indicate rater and ratee.

Tutors and students will use a 5-point scale for 10 different traits. Each trait includes a rating possibility of zero, signifying that the trait has not been observed in discussions, writings, and/or presentations. This rating should be used **only** when the tutor or student does not find the trait to be applicable to observations of the work.

Space is available on the rubrics for “observational notes” regarding each trait. Tutors should record any comments regarding the reasoning for the ratings, evidence of the trait, and any discipline-specific thoughts about the trait that would be helpful to the researchers. Observational notes will be important to developing the case studies.

Additional sheets are included for faculty and students to “invent” their own traits. Faculty should use their invented rubrics to assess students at the same three intervals as the other 10 traits. Students may also generate their own traits as they self-assess.

Learning Outcome Rubrics

Tutor Name: _____

Date: _____

Student being assessed: _____

College: _____

Student doing the assessing: _____

Learning Outcome: Independent Thinker

1) Independence: the ability to take teacher roles by setting topics, asking questions to originate new topics, summarizing discussion and assessing ideas

5____ Very frequently takes teacher roles

4____ Frequently takes teacher roles

3____ Sometimes takes teacher roles

2____ Rarely takes teacher roles

1____ Never takes teacher roles

0____ Trait has not been observed

Observational Notes:

2) Developing an inquiring mind - questioning ideas and self-questioning: asks high-level questions, such as why-questions

5_____ Very frequently asks high-level questions

4_____ Frequently asks high-level questions

3_____ Sometimes asks high-level questions

2_____ Rarely asks high-level questions

1_____ Never asks high-level questions

0_____ Trait has not been observed

Observational Notes:

3) Acquiring self-assessment skills: self-assesses one's claims and arguments; the ability to recognize biases in thinking and predispositions to make certain judgments, shares or communicates critique of one's biases and prejudgments

5____ Student very frequently self-assesses claims and arguments

4____ Student frequently self-assesses claims and arguments

3____ Student sometimes self-assesses claims and arguments

2____ Student rarely self-assesses claims and arguments

1____ Student never self-assesses claims and arguments

0____ Trait has not been observed

Observational Notes:

4) Learning to argue: argues effectively by making conceptual claims backed with supporting theory, reasoning and evidence; does not imply emotional and contentious argument

- 5_____ Very frequently argues effectively by making conceptual claims backed with supporting theory and evidence
- 4_____ Frequently argues effectively by making conceptual claims backed with supporting theory and evidence
- 3_____ Sometimes argues effectively by making conceptual claims backed with supporting theory and evidence
- 2_____ Rarely argues effectively by making conceptual claims backed with supporting theory and evidence
- 1_____ Never argues effectively by making conceptual claims backed with supporting theory and evidence
- 0_____ Trait has not been observed

Observational Notes:

Learning Outcome: Intellectual Maturity

1) Complexity/Uncertainty: the ability to work with complex problems, issues, and information

- 5 ____ Very frequently works with complexity and uncertainty
- 4 ____ Frequently works with complexity and uncertainty
- 3 ____ Sometimes works with complexity and uncertainty
- 2 ____ Rarely works with complexity and uncertainty
- 1 ____ Never works with complexity and uncertainty
- 0 ____ Trait has not been observed

Observational Notes:

2) Takes intellectual chances: willingness to state positions and arguments without worry of saying something wrong, making mistakes, or risking failure

- 5____ Very frequently states positions and arguments without worry of making mistakes
- 4____ Frequently states positions and arguments without worry of making mistakes
- 3____ Sometimes states positions and arguments without worry of making mistakes
- 2____ Rarely states positions and arguments without worry of making mistakes
- 1____ Never takes risks and/or always avoids stating positions and arguments
- 0____ Trait has not been observed

Observational Notes:

Learning Outcome: Creativity

1) Idea generation: generates new ideas, variations of or alternatives to solving problems, a novel way of analyzing or reconceptualizing a topic or idea in the context of what the student knows and understands, interesting and creative restatements of others' ideas, unusual ideas, interesting theories

5 ____ Very frequently generates new ideas, variations of or alternatives to solving problems

4 ____ Frequently generates new ideas, variations of or alternatives to solving problems

3 ____ Sometimes generates new ideas, variations of or alternatives to solving problems

2 ____ Rarely generates new ideas, variations of or alternatives to solving problems

1 ____ Never generates new ideas, variations of or alternatives to solving problems

0 ____ Trait has not been observed

Observational Notes:

2) Curiosity: the desire to learn or know more, ability to become absorbed in the topic, discovers a new line of inquiry or question of a topic and wishes to persist and sustain in exploring the topic

- 5_____ Very frequently demonstrates the desire to learn or know more and the ability to become absorbed in the topic
- 4_____ Frequently demonstrates the desire to learn or know more and the ability to become absorbed in the topic
- 3_____ Sometimes demonstrates the desire to learn or know more and the ability to become absorbed in the topic
- 2_____ Rarely demonstrates the desire to learn or know more and the ability to become absorbed in the topic
- 1_____ Never demonstrates the desire to learn or know more and the ability to become absorbed in the topic
- 0_____ Trait has not been observed

Observational Notes:

3) *Multiple perspectives in problem solving: sees a problem from multiple perspectives, compares and contrasts approaches, uses multiple disciplines*

5_____ Very frequently sees a problem from multiple perspectives

4_____ Frequently sees a problem from multiple perspectives

3_____ Sometimes sees a problem from multiple perspectives

2_____ Rarely sees a problem from multiple perspectives

1_____ Never sees a problem from multiple perspectives

0_____ Trait has not been observed

Observational Notes:

4) *Connectivity: ability to bring together disparate bits of information, makes connections between already established ideas or theories, connects disciplines*

- 5_____ Very frequently brings together disparate bits of information and connects ideas, theories or disciplines
- 4_____ Frequently brings together disparate bits of information and connects ideas, theories or disciplines
- 3_____ Sometimes brings together disparate bits of information and connects ideas, theories or disciplines
- 2_____ Rarely brings together disparate bits of information and connects ideas, theories or disciplines
- 1_____ Never brings together disparate bits of information and connects ideas, theories or disciplines
- 0_____ Trait has not been observed

Observational Notes:

Your Traits

Trait Name: _____

Definition: _____

5 _____ Very frequently _____

4 _____ Frequently _____

3 _____ Sometimes _____

2 _____ Rarely _____

1 _____ Never _____

0 _____ Trait has not been observed

Observational Notes:

Trait Name: _____

Definition: _____

5 _____ Very frequently _____

4 _____ Frequently _____

3 _____ Sometimes _____

2 _____ Rarely _____

1 _____ Never _____

0 _____ Trait has not been observed

Observational Notes:

Trait Name: _____

Definition: _____

5 _____ Very frequently _____

4 _____ Frequently _____

3 _____ Sometimes _____

2 _____ Rarely _____

1 _____ Never _____

0 _____ Trait has not been observed

Observational Notes: