

Appendix A

EMI: Critical Thinking Disposition Assessment

Directions: Indicate how much you agree or disagree with each numbered statement by circling the appropriate number. 1 = Strongly disagree & 5 = Strongly agree.

	SD				SA
1. I listen carefully to the opinions of others even when they disagree with me.	1	2	3	4	5
2. I look for opportunities to solve problems.	1	2	3	4	5
3. I am interested in many issues.	1	2	3	4	5
4. I enjoy learning about many topics.	1	2	3	4	5
5. I am able to relate to a wide variety of issues.	1	2	3	4	5
6. I ask lots of questions in a learning environment.	1	2	3	4	5
7. I enjoy finding answers to challenging questions.	1	2	3	4	5
8. I am a good problem solver.	1	2	3	4	5
9. I am confident that I can reach a reasonable conclusion.	1	2	3	4	5
10. I strive to be well informed.	1	2	3	4	5
11. I am likely to change my opinion when I am given new information that conflicts with my current opinion.	1	2	3	4	5
12. I enjoy solving problems.	1	2	3	4	5
13. I try to consider the facts without letting my biases affect my decisions.	1	2	3	4	5
14. I am able to apply my knowledge to a wide variety of issues.	1	2	3	4	5
15. I enjoy learning even when I am not in school.	1	2	3	4	5
16. I can get along with people who do not share my opinions.	1	2	3	4	5
17. I am able to explain things clearly.	1	2	3	4	5
18. I ask good questions when trying to clarify a solution.	1	2	3	4	5
19. I present issues in a clear and precise manner.	1	2	3	4	5
20. I consider how my own biases affect my opinions.	1	2	3	4	5
21. I search for the truth even when it makes me uncomfortable.	1	2	3	4	5
22. I keep on working on things until I get them right.	1	2	3	4	5
23. I will go out of my way to find the right answers to a problem.	1	2	3	4	5
24. I try to find multiple solutions to problems.	1	2	3	4	5
25. I ask many questions when making a decision.	1	2	3	4	5
26. I believe that most problems have more than one solution.	1	2	3	4	5

Suggested citation

Irani, T., Rudd, R., Gallo, M., Ricketts, J., Friedel, C., & Rhoades, E. (2007). Critical thinking instrumentation manual. Retrieved month day, year, from http://step.ufl.edu/resources/critical_thinking/ctmanual.pdf.

EMI: Critical Thinking Disposition Assessment Questions separated by construct

The Engagement construct is measured with the following questions:

	SD					SA
E2. I look for opportunities to solve problems.	1	2	3	4	5	
E3. I am interested in many issues.	1	2	3	4	5	
E5. I am able to relate to a wide variety of issues.	1	2	3	4	5	
E7. I enjoy finding answers to challenging questions.	1	2	3	4	5	
E8. I am a good problem solver.	1	2	3	4	5	
E9. I am confident that I can reach a reasonable conclusion.	1	2	3	4	5	
E14. I am able to apply my knowledge to a wide variety of issues.	1	2	3	4	5	
E17. I am able to explain things clearly.	1	2	3	4	5	
E18. I ask good questions when trying to clarify a solution.	1	2	3	4	5	
E19. I present issues in a clear and precise manner.	1	2	3	4	5	
E22. I keep on working on things until I get them right.	1	2	3	4	5	

The Cognitive Maturity construct is measured with the following questions:

	SD					SA
M1. I listen carefully to the opinions of others even when they disagree with me.	1	2	3	4	5	
M11. I am likely to change my opinion when I am given new information that conflicts with my current opinion.	1	2	3	4	5	
M13. I try to consider the facts without letting my biases affect my decisions.	1	2	3	4	5	
M16. I can get along with people who do not share my opinions.	1	2	3	4	5	
M20. I consider how my own biases affect my opinions.	1	2	3	4	5	
M24. I try to find multiple solutions to problems.	1	2	3	4	5	
M25. I ask many questions when making a decision.	1	2	3	4	5	
M26. I believe that most problems have more than one solution.	1	2	3	4	5	

The Innovativeness construct is measured with the following questions:

	SD					SA
I4. I enjoy learning about many topics.	1	2	3	4	5	
I6. I ask lots of questions in a learning environment.	1	2	3	4	5	
I10. It is important to be well informed.	1	2	3	4	5	
I12. I enjoy solving problems.	1	2	3	4	5	
I15. I enjoy learning even when I am not in school.	1	2	3	4	5	
I21. I search for the truth even when it makes me uncomfortable.	1	2	3	4	5	
I23. I will go out of my way to find the right answers to a problem.	1	2	3	4	5	