

### **The Student-Educator Negotiated Critical Thinking Dispositions Scale (SENCTDS).**

*We recommend that scale users create an online response form with random presentation of items below.*

Please indicate the extent to which you agree or disagree with the following statements.

- 1= Strongly Disagree
- 2=Disagree
- 3=Slightly Disagree
- 4=Neither Agree nor Disagree
- 5= Slightly Agree
- 6= Agree
- 7= Strongly Agree

1. When a theory, interpretation, or conclusion is presented to me, I try to decide if there is good supporting evidence.
2. When faced with a decision, I seek as much information as possible.
3. I try to gather as much information about a topic before I draw a conclusion about it.
4. I find that I'm easily distracted when thinking about a task.
5. I find it hard to concentrate when thinking about problems.
6. I often miss out on important information because I'm thinking of other things.
7. I often daydream when learning a new topic.
8. Thinking is not about 'being flexible', it's about 'being right'.
9. Being open-minded about different worldviews is less important than people think.
10. When attempting to solve complex problems, it's better to give up fast, if you cannot reach a solution so as to not waste time
11. I know what I think and believe so it's not important to dwell on it any further.
12. I like to make lists of things I need to do and thoughts I may have.
13. I take notes so I can organize my thoughts.
14. I make simple charts, diagrams or tables to help me organize large amounts of information.
15. I persevere with a task even when it is very difficult.
16. Frustration does not stop me from finishing what needs to be done.
17. I find it desirable to keep going even if it is sometimes hard.
18. I enjoy information that challenges me to think.
19. I look forward to learning challenging things.
20. Completing difficult tasks is fun for me.
21. Even if material is difficult to comprehend, I enjoy dealing with information that arouses my curiosity.

### Scoring of sub-scales:

Items and their associated sub-scale factor are listed below.

Please note: Items followed by **(R)** are to be reverse coded when generating the subscale score (i.e., 1 -> 7, 2 -> 6, 3 -> 5, etc.), such that all subscales scores run in a positive direction, **with lower scores indicating lower CT disposition and higher scores indicating higher CT disposition.**

Item	Subscale
1. When a theory, interpretation, or conclusion is presented to me, I try to decide if there is good supporting evidence.	Reflection
2. When faced with a decision, I seek as much information as possible.	Reflection
3. I try to gather as much information about a topic before I draw a conclusion about it.	Reflection
4. I find that I'm easily distracted when thinking about a task. (R)	Attentiveness
5. I find it hard to concentrate when thinking about problems. (R)	Attentiveness
6. I often miss out on important information because I'm thinking of other things. (R)	Attentiveness
7. I often daydream when learning a new topic. (R)	Attentiveness
8. Thinking is not about 'being flexible', it's about 'being right'. (R)	Open-mindedness
9. Being open-minded about different worldviews is less important than people think. (R)	Open-mindedness
10. When attempting to solve complex problems, it's better to give up fast, if you cannot reach a solution so as to not waste time (R)	Open-mindedness
11. I know what I think and believe so it's not important to dwell on it any further. (R)	Open-mindedness
12. I like to make lists of things I need to do and thoughts I may have.	Organization
13. I take notes so I can organize my thoughts.	Organization
14. I make simple charts, diagrams or tables to help me organize large amounts of information.	Organization
15. I persevere with a task even when it is very difficult.	Perseverance
16. Frustration does not stop me from finishing what needs to be done.	Perseverance
17. I find it desirable to keep going even if it is sometimes hard.	Perseverance
18. I enjoy information that challenges me to think.	Intrinsic goal motivation
19. I look forward to learning challenging things.	Intrinsic goal motivation
20. Completing difficult tasks is fun for me.	Intrinsic goal motivation
21. Even if material is difficult to comprehend, I enjoy dealing with information that arouses my curiosity.	Intrinsic goal motivation

