

Perceived Knowledge Gaps - six-point likert scale from 1 (not true at all) to 6 (absolutely true)

1. My knowledge was insufficient to carry out the task.
2. This task made clear to me that I lack some knowledge.
3. I sometimes got stuck when trying to execute the task.
4. This task was too difficult to finish.
5. I felt that we did not manage to complete the task.

Cognitive Dissonance – four-point likert scale from “not at all” to “very much so”

1. Sometimes I was uncomfortable answering these questions.
2. At times I worried that some of my answers were inconsistent with my other answers.
3. If I were allowed to, I would go back and change some of my responses.
4. Some of the answers I gave in this experiment were inconsistent with my previous beliefs about the subject.
5. I was always certain about my responses
6. I never had difficulty putting together all of the facts in this experiment.

State Curiosity – four-point likert scale from “not at all” to “very much so”

[how do you feel right now, at this moment]

1. I want to know more
2. I feel curious about what is happening
3. I am feeling puzzled
4. I want things to make sense
5. I am intrigued by what is happening
6. I want to probe
7. I am speculating about what is happening
8. My curiosity is aroused
9. I feel interested in things
10. I feel inquisitive
11. I feel like asking questions about what is happening
12. Things feel incomplete
13. I feel like seeking things out
14. I feel like searching for answers
15. I feel absorbed in what I am doing
16. I want to explore possibilities
17. My interest has been captured.
18. I feel involved in what I am doing
19. I want more information
20. I want to enquire further