

<https://goo.gl/forms/oVgnRkdF9EA7vQto1>

Perceived Knowledge Gaps - five-point likert scale from “strongly disagree” to “strongly agree” [1 – strongly disagree, 3 – somewhat agree, to 5 – strongly agree]

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

Cognitive Dissonance – five-point likert scale from “strongly disagree” to “strongly agree” [1 – strongly disagree, 3 – somewhat agree, to 5 – strongly agree]

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 these tasks were inconsistent with my previous beliefs about the topics.
5. I was always certain about my responses
6. I never had difficulty putting together all of the topics required to solve these tasks

State Curiosity – five-point likert scale from “strongly disagree” to “strongly agree” [1 – strongly disagree, 3 – somewhat agree, to 5 – strongly agree] [How do you feel right now, at this moment]

1. I want to know more
2. I am feeling puzzled
3. I want things to make sense
4. I am intrigued by what is happening
5. I feel like asking questions about what is happening
6. Things feel incomplete
7. I feel like searching for answers
8. I want to explore possibilities
9. My interest has been captured.

Response to Uncertainty – When presented with the clue, choose what did you do:

1. I ignored the clue, without bothering to explain why the evidence presented in the clue should or should not be considered
2. I rejected the clue, because I was able to come up with an explanation for why the evidence presented in the clue should not be considered
3. I excluded the evidence presented in the clue from the domain of my preexisting task knowledge, without making any judgment about validity of the evidence
4. I thought to deal with evidence presented in the clue later (if need be), and continued with my original line of reasoning based on preexisting task knowledge
5. I reinterpreted the evidence presented in the clue, as something that was already explained by my original line of reasoning based on preexisting task knowledge
6. I changed peripheral aspects of my original line of reasoning based on preexisting task knowledge (performed minor modifications), using evidence presented in the clue

7. I changed core aspects of my original line of reasoning based on preexisting task knowledge (performed major modifications), using evidence presented in the clue