**Teaching Presence**

**Social Presence**

**Cognitive Presence**

Garrison, D. R., & Anderson, T. (2003). *E-Learning in the 21st century: A framework for research and practice.* London: Routledge/Falmer.

Garrison, D. R., Anderson, T., & Archer, W. (2000). Critical inquiry in a text-based environment: Computer conferencing in higher education. *The Internet and Higher Education,* *2*(2-3): 87-105.

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| **Topic****Outcomes** | **Cognitive Presence** |
| **Teaching Presence** | **Social Presence** |

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| **Trigger** | **Definition(Garrison, 2011, p. 46-47)** | **Source** | **Example** |
| **Exploration** | **Dilemma, problem** |  |  |
| **Integration** | **Research, lit review, group brainstorming** |  |  |
| **Resolution** | **Reflection, critical discourse** |  |  |
|  | **Solution, including application or testing** |  |  |