

## Engagement Scale by Sun

Sun, J. C. Y., & Rueda, R. (2012). Situational interest, computer self-efficacy and self-regulation: Their impact on student engagement in distance education. *British journal of educational technology*, 43(2), 191-204.

15 Items

3 Dimensions

### *Behavioural engagement*

I follow the rules of the online class.

I complete my homework on time.

I check my schoolwork for mistakes.

### *Emotional Engagement*

I like taking the online class.

I feel excited by my work at the online class.

The online classroom is a fun place to be.

I am interested in the work at the online class.

I feel happy when taking online class.

I feel bored by the online class.

I talk with people outside of school about what I am learning in the online class.

### *Cognitive Engagement*

I study at home even when I do not have a test.

I try to look for some course-related information on other resources such as television, journal papers, magazines, etc.

When I read the course materials, I ask myself questions to make sure I understand what it is about.

I read extra materials to learn more about things we do in the online class.

If I do not know about a concept when I am learning in the online class, I do something to figure it out.

5-point Likert rating (5 = *strongly agree*, 4 = *agree*, 3 = *neither agree nor disagree*, 2 = *disagree* and 1 = *strongly disagree*).

Behavioural engagement Cronbachs  $\alpha$ : .88

Emotional Engagement Cronbachs  $\alpha$ : .75

Cognitive Engagement Cronbachs  $\alpha$ : .63