<u>Title:</u> Student Engagement: State of the Construct and Development of a German-language Instrument

<u>Authors:</u> McCullagh, Laura, University of Muenster, Institute of Education; Professor Dr., van Ophuysen, Stefanie, University of Muenster, Institute of Education

<u>Abstract:</u> Student Engagement is commonly considered a meta-construct, encompassing students' behavioural, cognitive and emotional reactions to school (Fredricks et al., 2004). Empirical work suggests that engagement is related to important student-outcomes, such as academic achievement (Wong et al., 2024) and dropout (Archambault et al., 2022). However, much of the available evidence is difficult to integrate (Boekaerts, 2016; Skinner & Raine, 2022), creating a barrier for new researchers entering the field. This is due to the diversity of utilized measurement instruments, which differ widely in the number of postulated engagement dimensions and their operational definitions (Wong & Liem, 2022).

Fredricks (2022) identified 13 recent scales, which are arguably representative of the theoretical differences permeating the literature at large. Based on a qualitative analysis of the items contained therein, a new measure is developed, which aims to avoid the most prevalent pitfalls. Pretest data is presented, examining the initial factorial structure and item-level statistics. Results are discussed in the context of current theoretical debates concerning the conceptualisation(s) of engagement.

**Keywords:** student engagement, scale development, theory

## References

- Archambault, I., Janosz, M., Olivier, E., & Dupéré, V. (2022). Student Engagement and School Dropout: Theories, Evidence and Future Directions. In A. L. Reschly & S. L. Christenson (Eds.), Handbook of Research on Student Engagement (pp. 331–355). Springer International Publishing.
- Boekaerts, M. (2016). Engagement as an inherent aspect of the learning process. *Learning and Instruction*, 43, 76–83. https://doi.org/10.1016/j.learninstruc.2016.02.001
- Fredricks, J. A. (2022). The Measurement of Student Engagement: Methodological Advances and Comparison of New Self-report Instruments. In A. L. Reschly & S. L. Christenson (Eds.), Handbook of Research on Student Engagement (pp. 597–616). Springer International Publishing. https://doi.org/10.1007/978-3-031-07853-8\_29
- Fredricks, J. A., Blumenfeld, P. C., & Paris, A. H. (2004). School engagement: Potential of the concept, state of the evidence. *Review of Educational Research*, 74(1), 59–109. https://doi.org/10.3102/00346543074001059
- Skinner, E. A., & Raine, K. E. (2022). Unlocking the Positive Synergy Between Engagement and Motivation. In A. L. Reschly & S. L. Christenson (Eds.), *Handbook of Research on Student Engagement* (pp. 25–56). Springer International Publishing. https://doi.org/10.1007/978-3-031-07853-8 2
- Wong, Z. Y., & Liem, G. A. D. (2022). Student Engagement: Current State of the Construct, Conceptual Refinement, and Future Research Directions. *Educational Psychology Review*, *34*(1), 107–138. https://doi.org/10.1007/s10648-021-09628-3
- Wong, Z. Y., Liem, G. A. D., Chan, M., & Datu, J. A. D. (2024). Student engagement and its association with academic achievement and subjective well-being: A systematic review and meta-analysis. *Journal of Educational Psychology*, *116*(1), 48–75. https://doi.org/10.1037/edu0000833