

Chapter 10 Exploring Transdisciplinary Approaches to Teaching Physical Sciences in Gauteng, South Africa: The Pedagogy of Using Smartboard Technologies

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ABSTRACT

Against the background of transdisciplinary approaches to learning outcomes in higher education, the purpose of this chapter is exploring transdisciplinary approaches to teaching Physical Sciences (PS) in selected schools of Gauteng province, South Africa with regard to a pedagogy of using smartboard technologies. The main focus of this chapter will e.g., be on bridging the gap of digital transformation in higher education and establishing the reliability and validity of research instruments using partial least squares structural equation modelling (PLS-SEM).

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