

Using E-learning Support as a Sustainable Communication Tool

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ABSTRACT A great emphasis is placed on improving students' mathematics performance levels in the South African higher education institutions. In the main study, the researchers will develop and explore the impact e-learning support materials have on a group of engineering students at a South African University of Technology. The researchers designed a basic mathematics pre-test to identify areas of weaknesses and strengths. In this paper (which is part of a broader study), the researchers identify those areas of concern and provide a rationale for e-learning as a sustainable communication tool. The researchers adopted the domains of sustainable learning as a conceptual framework. It was found that the previous study findings, the availability of e-learning resources and the analysis of data all satisfy the demands of the three domains of sustainable learning. With these findings, the researchers deduced that e-learning can be adopted as a sustainable tool to communicate effective mathematics learning.