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AN EXPLORATION OF SENIOR PHASE TEACHERS' MISCONCEPTIONS ON ELECTRIC CIRCUITS IN THE MOSES KOTANE AREA

Monday, 1 October 2018 18:00 (20 minutes)

This study aims at revealing senior phase teachers' misconceptions about electric circuits. It also seeks to explore the source of the misconceptions amongst the teachers. Available literature is replete with evidence that most of the misconceptions on electric circuits arise from one's initial knowledge of electricity and hence the need to further explore and probe these claims. A conceptual comprehension test that consists of ten open-ended questions will be administered and semi-structured interviews will also be conducted. The interviews will primarily be employed to seek and interrogate the source of the ensuing misconceptions. The collected data will be qualitatively analyzed using relevant exploratory techniques and appropriate intervention methods will be proposed to address the misconceptions that will be revealed.

Apply to be considered for a student award (Yes / No)?

YES

Level for award (Hons, MSc, PhD, N/A)?

MEd

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