



OUTCOMES-BASED EDUCATION (OBE) THROUGH THE LENS OF THE SCIENCE TEACHERS

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ABSTRACT

The educational system in the Philippines started implementing the use of OBE to produce quality graduates who are equipped with the desired competencies and skills. This is in response to the K-12 Curriculum (2013) and the CHED requirement on all higher education institutions in the country to adopt OBE through its CHED Memorandum 46, s. 2012. The study was about Outcomes-Based Education (OBE) through the Lens of the Science Teachers. OBE was defined, the problems encountered were discussed, solutions were enumerated, and the proposed plan was cited to improve the use of OBE in science teaching. The descriptive qualitative method of research was used in this study. Specifically, the researchers used a narrative type of qualitative method. The main instrument used was a validated semi-structured questionnaire. The researchers administered the interview to ten (10) science teachers from different colleges or universities. The interviews were recorded with the approval of the respondents and were treated with utmost confidentiality. For a clear interpretation of the data, the researchers used transcription, manual coding, thematic coding, and NVivo. Results revealed that science teachers defined OBE as grounded on outcomes, a process, an approach in science instruction, student-centered approach, in need of enough time and materials, and preparation for students' life-long learning. OBE approach is being applied frequently in teaching science subjects and in performing various activities such as laboratory experiments, project making, investigatory projects, research, and other performance tasks. The problems encountered in OBE were the allotted time to finish the task, sufficient materials needed for the activities and experiments, teacher readiness to embrace the challenges, appropriate assessment tool or rubrics, knowledge on the use of technology, and computer literacy. Training, seminars, and workshops can amend these problems. Most of the respondents recommended the OBE approach to improve science instruction.

Keywords: Outcomes-Based Education, Science Teachers, Descriptive Qualitative Method, NVivo, Philippines