

Abstract

General Science for the Lower Basic Classes: Comparative Study between the Palestinian and the Jordanian Textbooks in the light of scientific literacy standards.

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The purpose of this study was to analyze the Science Palestinian and Jordanian textbook materials for the primary lower classes. It aimed at analyzing the materials based on the standards as set by the Scientific Literacy standards. The instrumentation of this study utilized the Standardized Scientific Literary Form to collect data through content analysis. The community of the study contains both the Palestinian and Jordanian Science Textbooks using the multi- phase sampling method to select the sample of the study. There were five research questions:

1. To what extent do the Palestinian Science Textbooks address the four scientific literacy standards?
2. To what extent do the Jordanian Science textbooks address the four scientific literacy standards?
3. To what extent does the percentage of science literacy in Palestinian textbooks agree with the international educational criteria?
4. To what extent does the percentage of science literacy in the Jordanian textbooks agree with the international educational criteria?
5. To what extent do the Palestinian and Jordanian science textbooks, when compared; abide by the Scientific Literacy standards?

Data was analyzed using frequencies that existed within the standards in both textbooks. A comparative calculation of the percentages of the frequencies was calculated based on the International Standard Criterion.

Findings indicated that both the Palestinian and Jordanian textbooks were unable to fulfill the requirements of the Scientific Literacy. Recommendations for future research and for the Palestinian Center for Curriculum Development were presented.