

# Investigation the degree of inclusion Singaporean standards in the Palestine sciences and life textbooks

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## Abstract

This study aimed at probing to what degree Singaporean criteria are met in Palestinian science and life textbooks for the sixth and seventh grades. It also aimed at evaluating the content of those books from the perspective of the teachers of these grades in Bethlehem governorate. Towards this goal, the researcher has adopted the descriptive analysis approach, and conducted the study during the fall semester 2017. The study included a random sample of 150 teachers of the sixth and seventh grades of both public and private schools in Bethlehem governorate in addition to the sixth and seventh grade science and life books (first and second semester) of the Palestinian curricula. The tools of the study included: A questionnaire that included questions pertaining to the Singaporean criteria that supposedly existed in the above-mentioned books. The said questionnaire was divided into four main themes: knowledge, skills, trends and ethics and interaction among these main themes, and a card to analyze, double check and verify the veracity, validity and reliability of the Arabic translation. The data was processed and analyzed using the SPSS. From the teachers' perspectives, and regarding the Singaporean criteria themes in the sixth and seventh grade science and life books in Palestine, the study has revealed the following: the percentage of knowledge added up to 70.0%, the percentage of skills was 66.4%, the percentage of Trends and Ethics was 66.2% and the Interaction among these main themes has reached an agreement measured to be at 58.4%.

According to the estimates of the mean value for each theme, the study revealed that the said themes are included to an average degree according to Singaporean criteria. It also showed no difference of statistical significance due to variables of sex and academic qualifications. Yet, the study has shown differences due to variables of type of school, years of experience especially within the experience category 5-10 years.

In terms of content analysis, the findings have revealed the following percentages:

- Trends and ethics: 42.87%
- Skills: 33.47%
- Interaction among the main themes: 12.56%
- Knowledge has accounted for the lowest percentage i.e. 11.10%